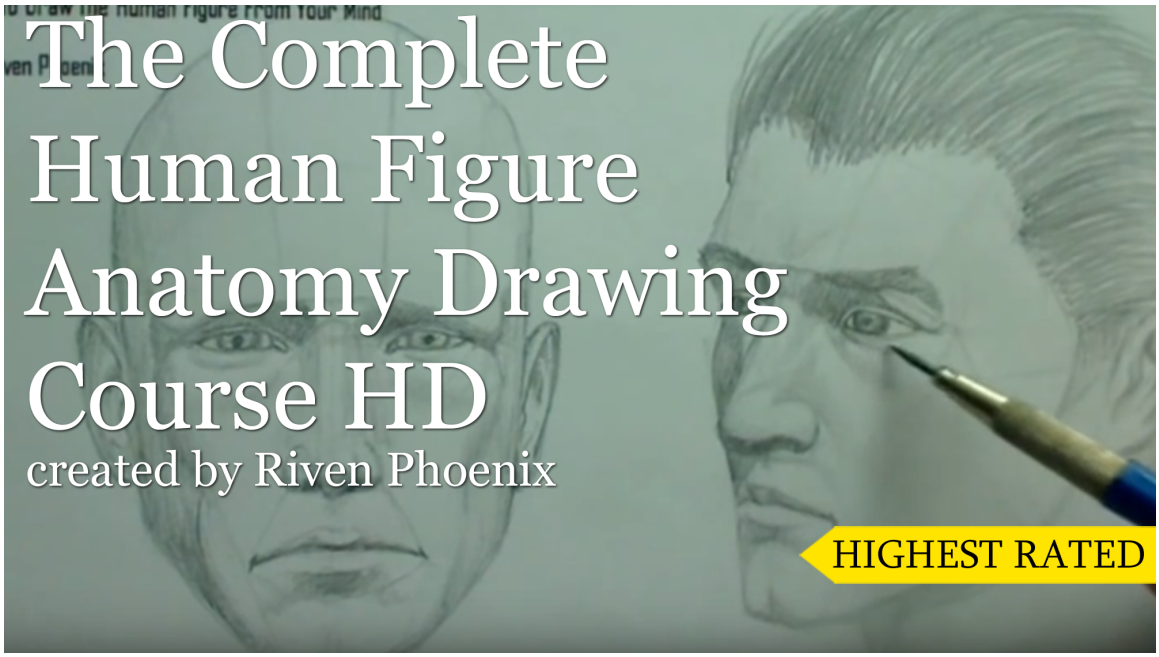

The Structure of Man

Learn to Draw the Human Figure From Your Mind with Riven Phoenix

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Figure Drawing Lesson 059 - The invention of the Clavicle

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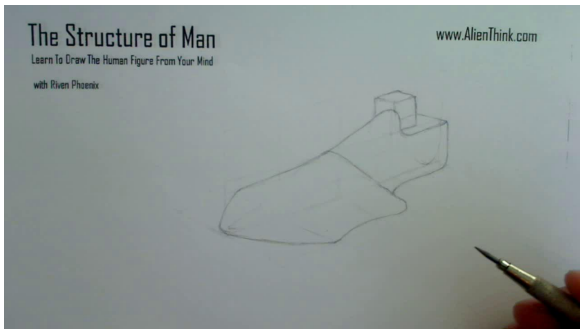
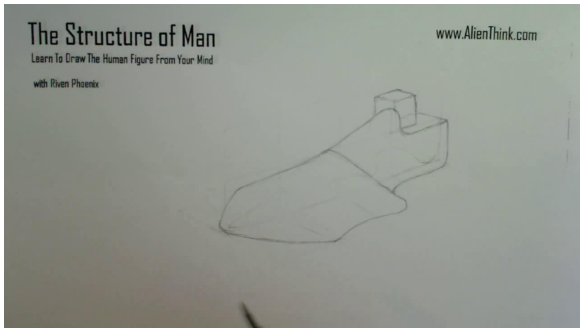
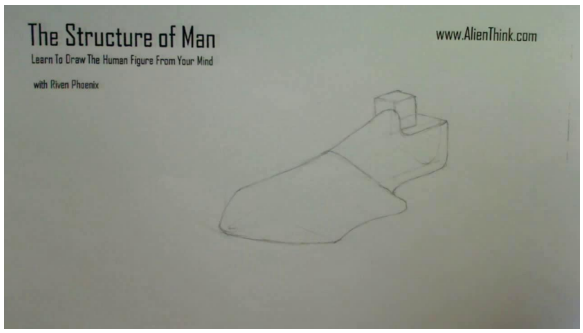
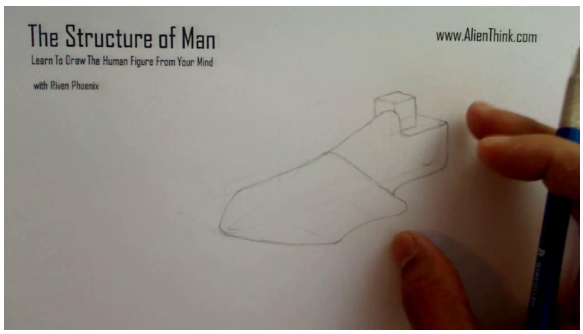
1		Hey guys, my name is Riven Phoenix and welcome to the structure of man, Lunderdraw, the human
2		figure from your mind training course.
3		Okay, so in the previous lesson we had really looked at the power of the formulas as to
4		what it allows us to do to be able to really form the ideas of the construction of the

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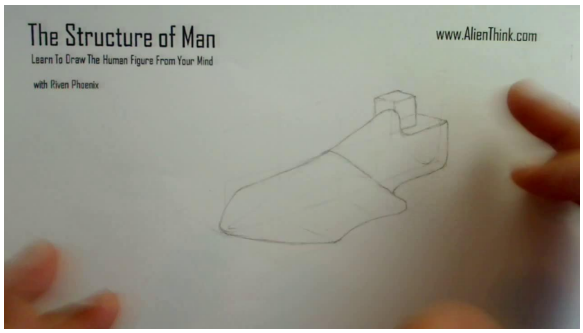
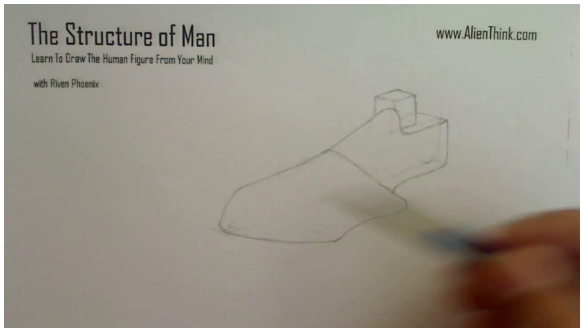
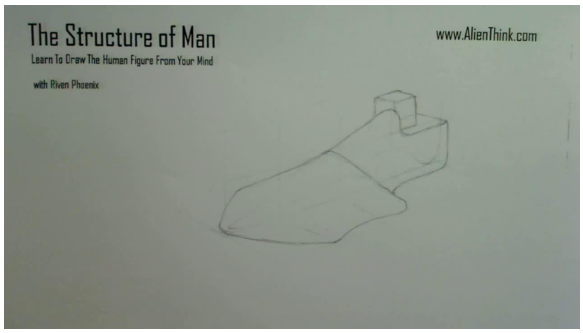
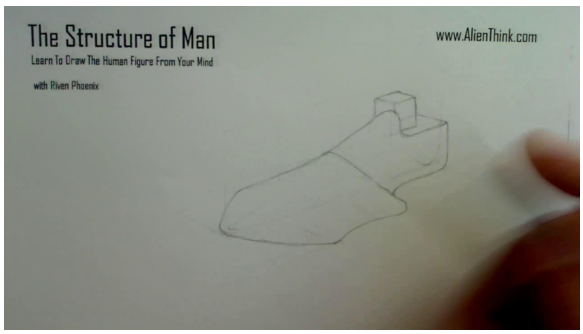
5		bone structure of the figure in any pose that we want really using just this idea of
6		the formulas that we had shown, right, or you could do it in the 3D sense that we had
7		talked about, which was really molding it out of like a block of wood.
8		So now what we want to take a look at is the clavicle, right, the clavicle is really the

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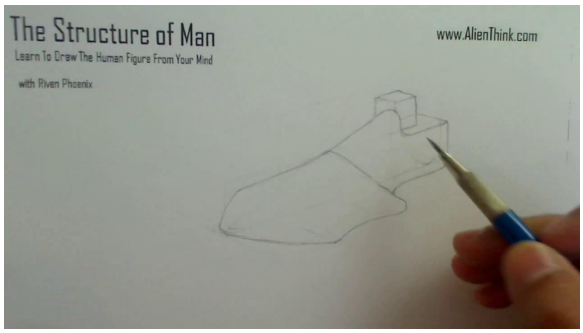
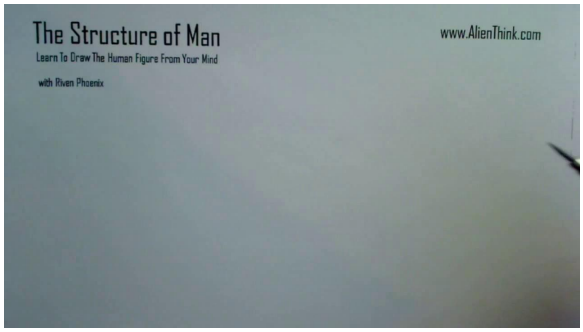
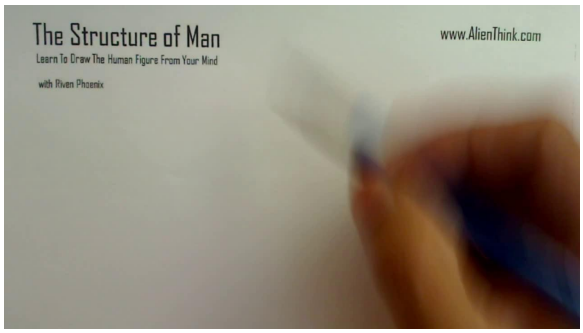
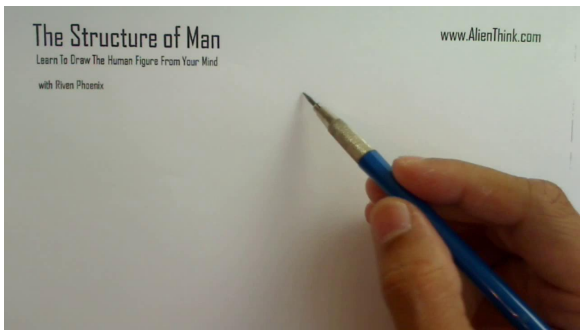
9		bone that's on the stair and connecting to the shoulder, right, so after this, then we
10		can just move on basically to finishing up the skeletal structure.
11		So to understand the clavicle, it's very, very easy.
12		So let's say if we had to draw out, so here I'm just going to be artistic about this.

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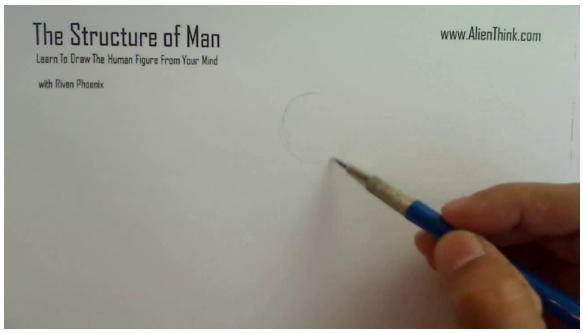
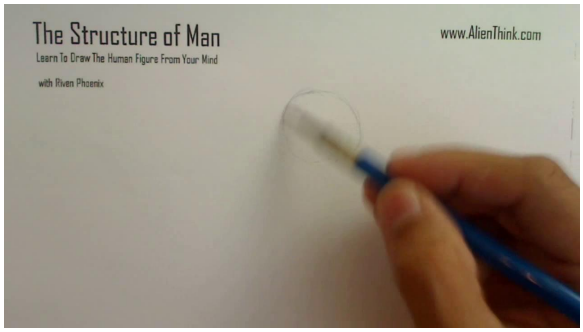
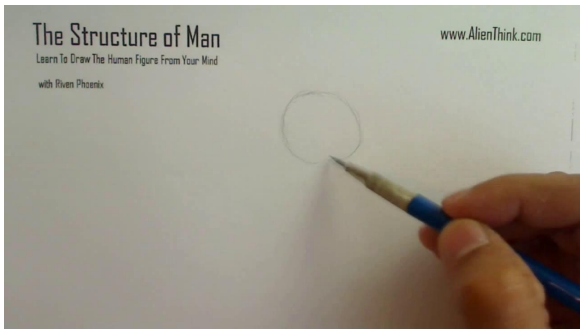
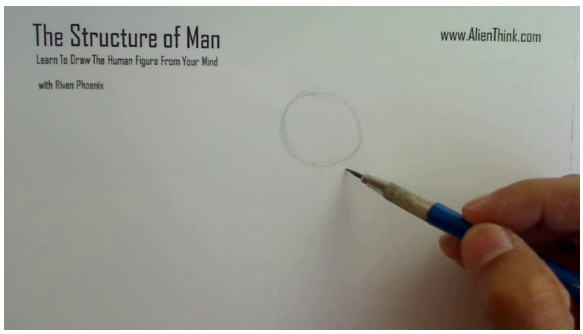
13		So when I draw this, a skull log, really, we don't really need any formulas here because
14		we know.
15		So here I'm just going to draw, let's say a chest cavity out, so here would be the opening
16		for the neck, then over here, let's say we're going to pretty much get the chest cavity

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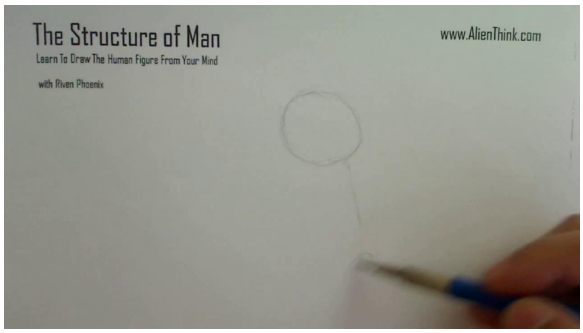
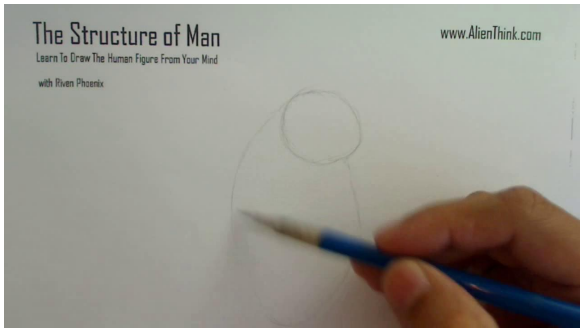
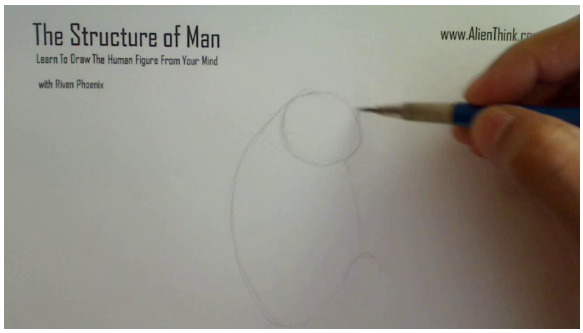
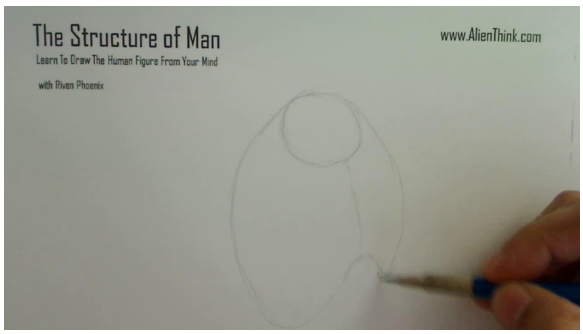
17		down here and then it's going to come down this way and then it's going to, let's say,
18		be about this big over here, right, so all that's really needed to understand about it.
19		And then from here, we're going to just go down in this direction over here and be, and
20		I guess it would just come down over here like this, it would be, since the bones will

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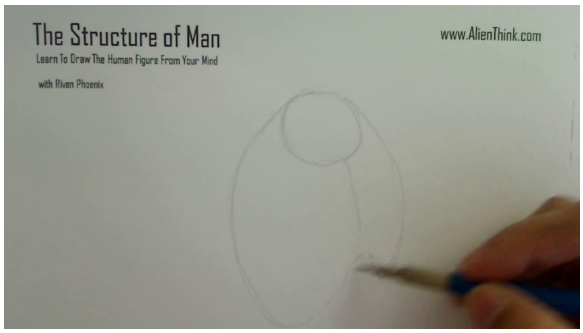
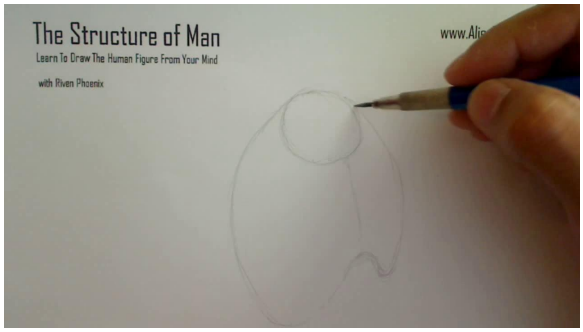
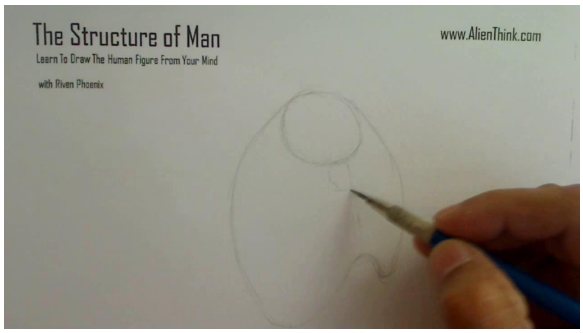
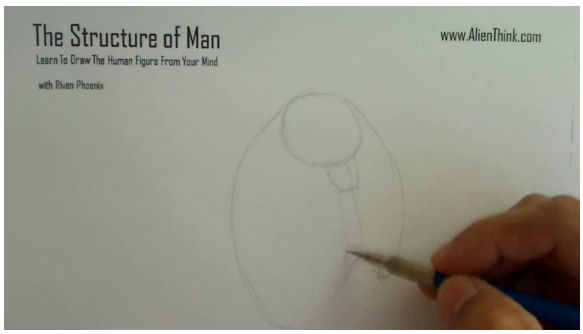
21		be going in that way, so it's going to be kind of like this, okay.
22		So once we get this idea down, right, so we're going to get the area for the stair, so
23		the stair is going to be kind of like this over here, like we had talked about, like this
24		tie system, right, so him just being sketchy about it first, right, drawings can be, we've

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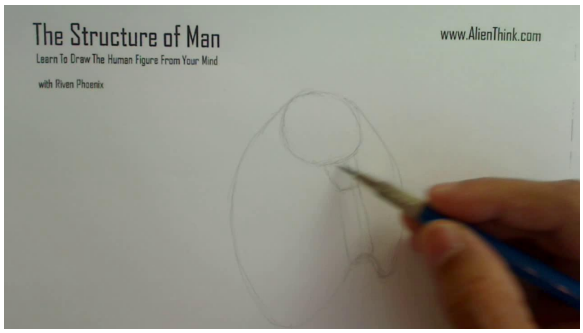
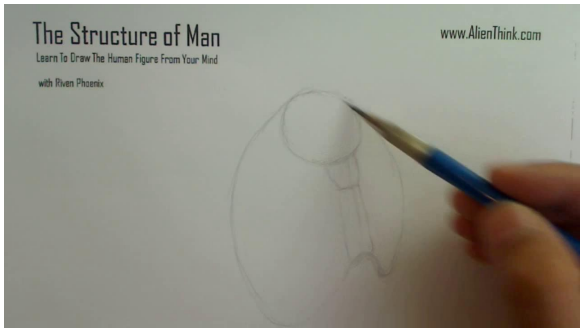
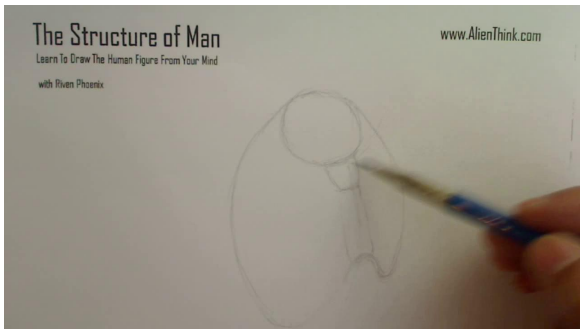
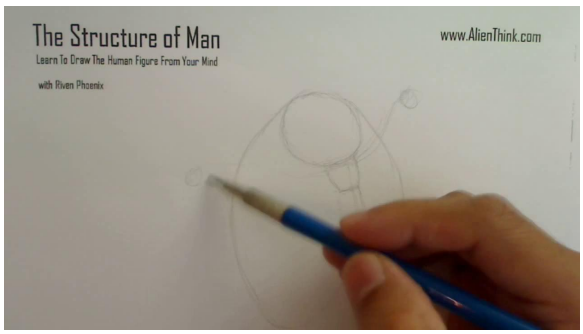
25		got to go through the drawing process first, just put down some of the basic concepts.
26		So here's going to be the chest cavity and really what we've been doing is we do like
27		this idea here that this is where I want the shoulders to be, let's say we want the
28		shoulders to be like this and then we draw like our chest or system, it goes down in

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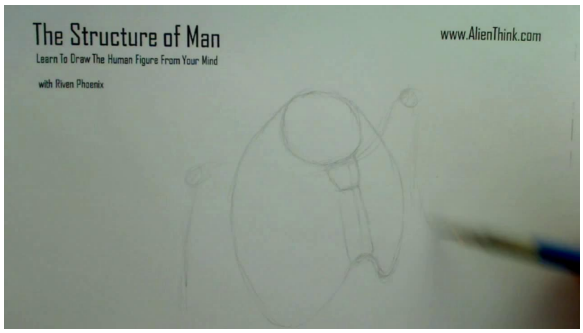
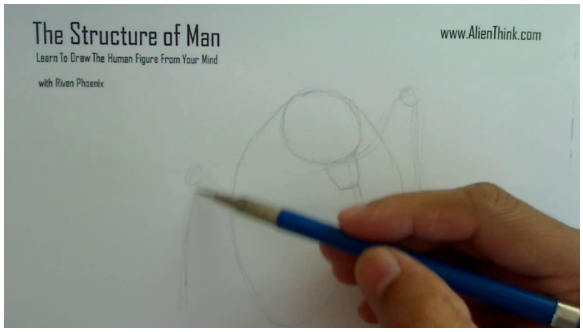
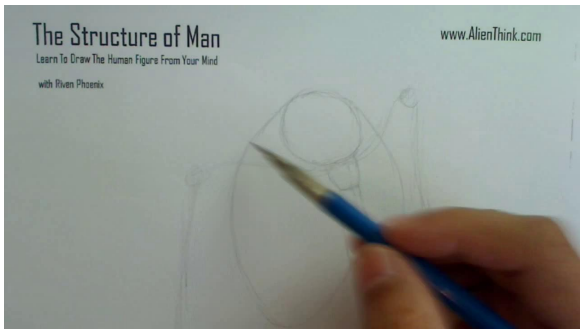
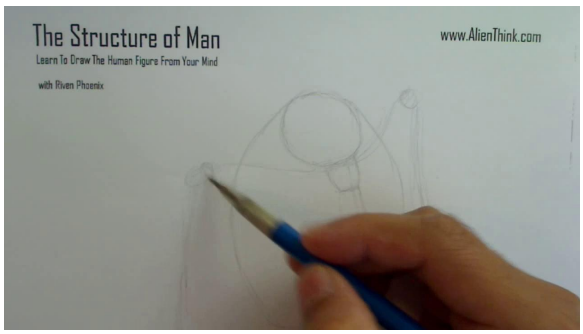
29		this way, let's say, like this hand is going to be going down in this way.
30		So I'm like magnifying the whole gesture concept, right.
31		So and then we know that, okay, well, the shoulder really is going to be around here where
32		we now are going to really think about the shoulder joining 3D and say that this is going

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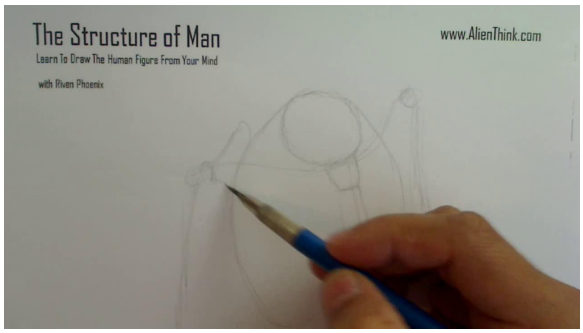
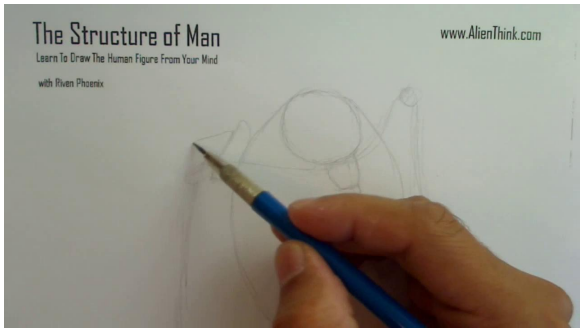
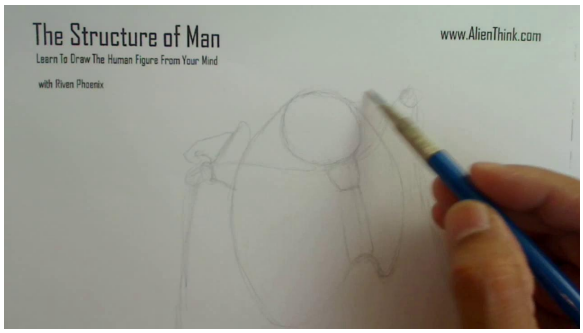
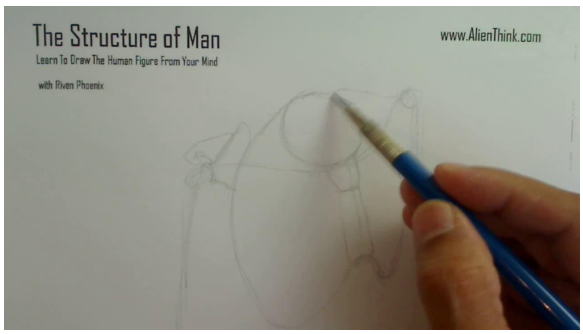
33		to be like this very extreme perspective that it's going to go and then it's going to
34		get this thing here that it's going to attach itself over here to the shoulder, right.
35		And then on this end, it's going to be, let's say pretty much the same thing, we're going
36		to get the shoulder and the shoulder is probably going to be going like this over here,

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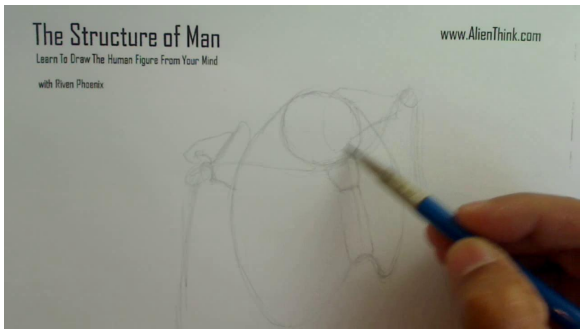
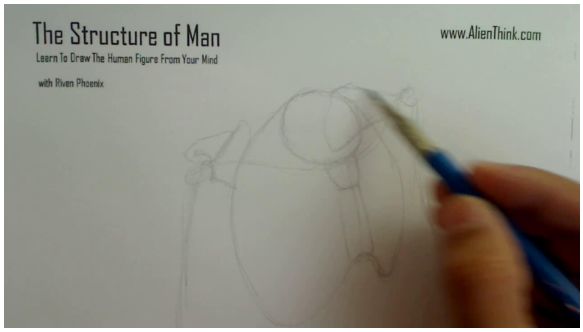
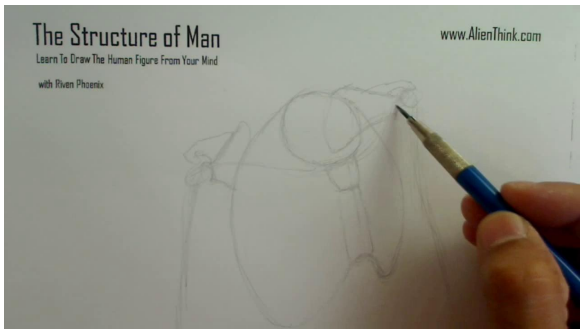
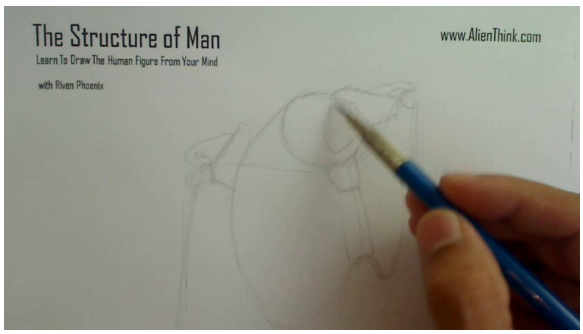
37		it's going to be like this in a very extreme perspective going in this way over here
38		like this and then you'll get, again, that idea here for the top of it, right and you'll
39		get that bone.
40		So I'm just doing this in a sketchy style.

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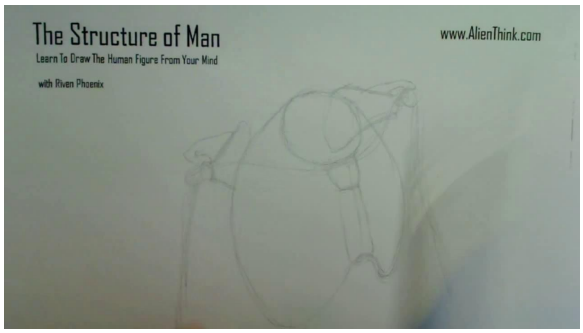
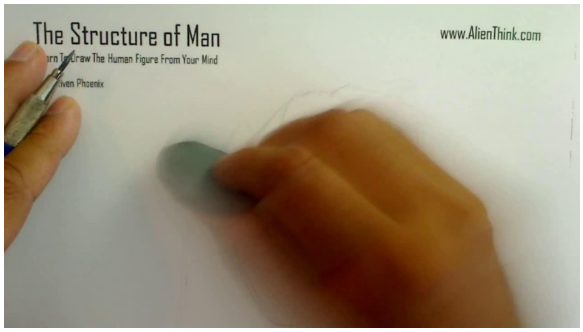
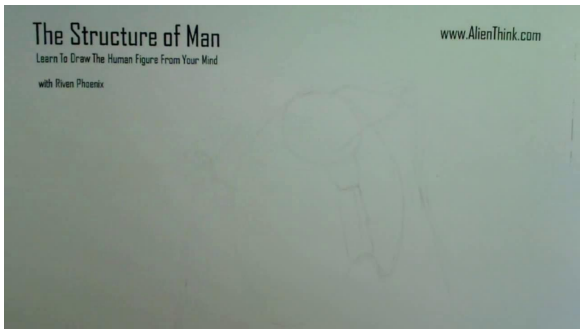
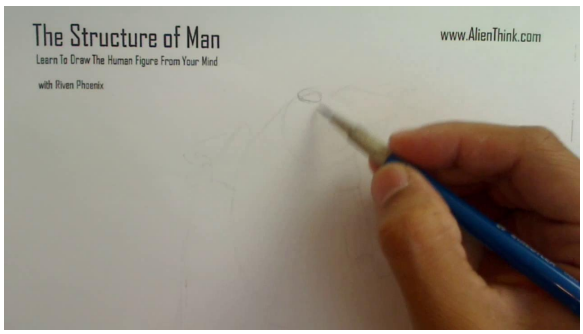
41		So once we get this, we can now clean up some of these ideas or so we'll be more clear
42		about it, right.
43		So let's start out by, we know that the spine is really just going to be over here and
44		it's going to go under here like this.

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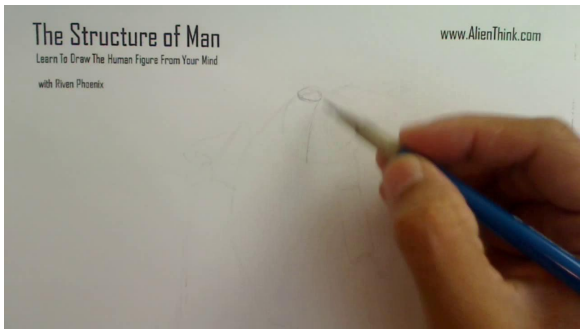
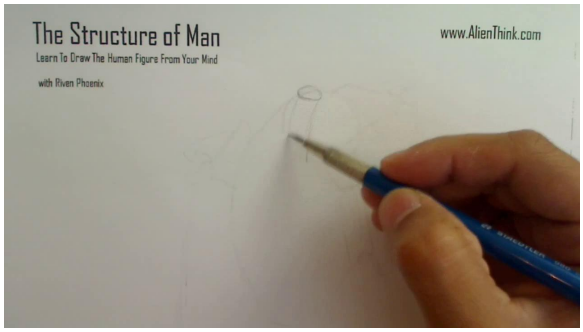
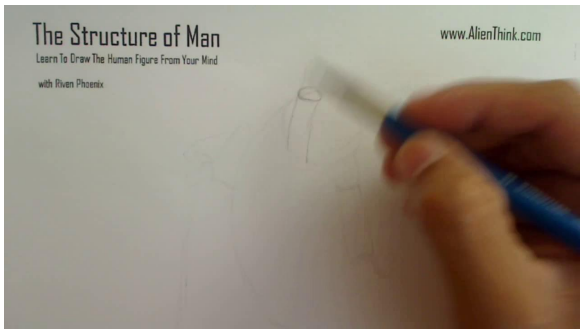
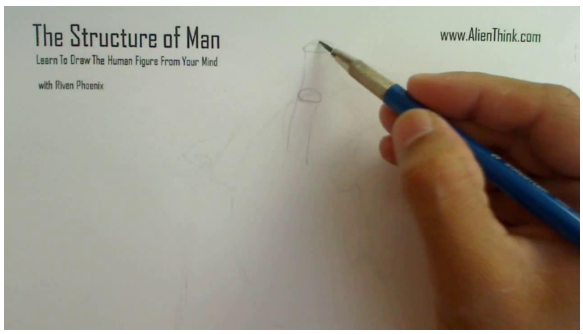
45		So I'm just going to visually draw out the things I'm not going to draw out every bone
46		here because we just want to get the concept of the clavicle, right.
47		So this spine really is just going to go up here and you're going to get your idea here
48		for the opening of it and it's just going to go down this way, right.

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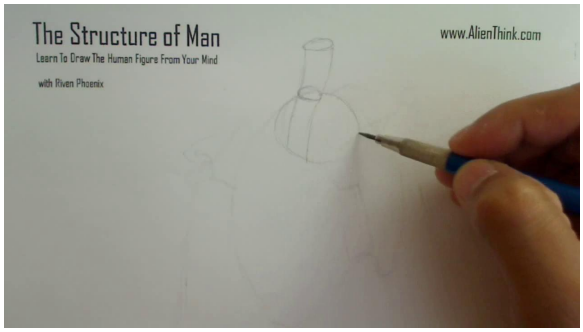
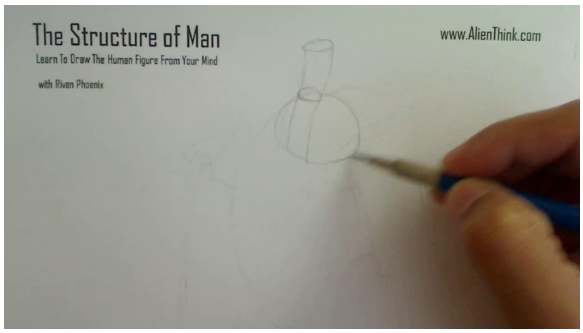
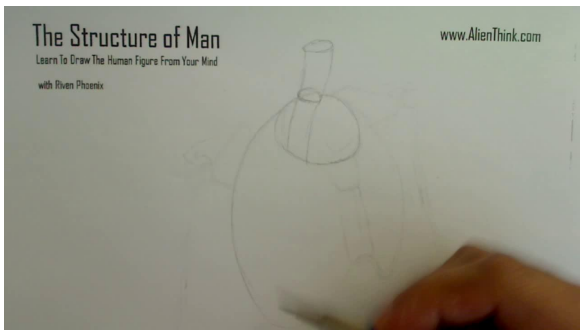
49		So here would be your first rib bone going in this direction and this will just come
50		down in this way over here.
51		Okay, so here all the ribs are going to be here so we're just going to draw out just
52		the basic form of this again just to be more a little more cleaner about it, right.

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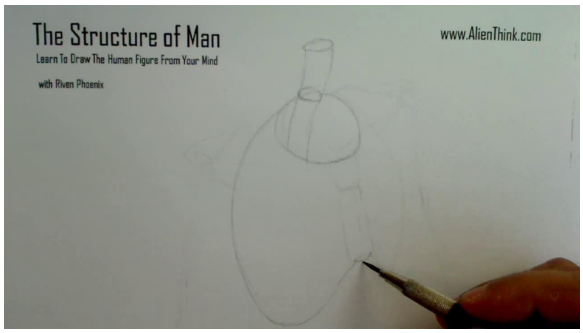
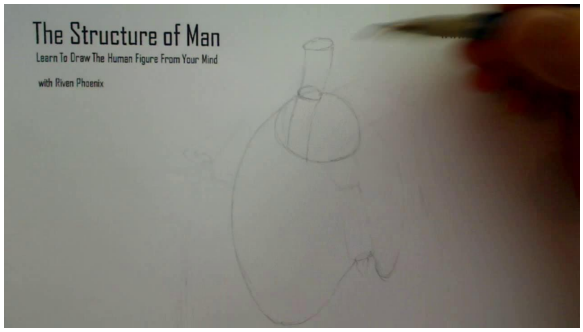
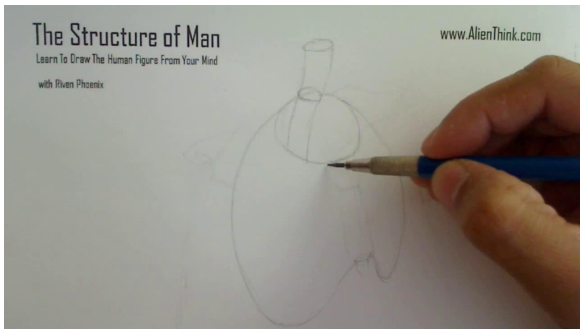
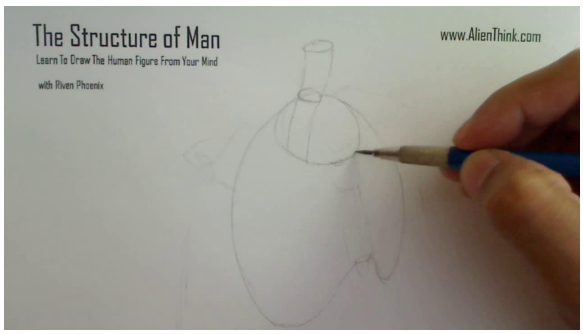
53		And then over here we're going to get the whole sterile thing so this is going to
54		really just go in this way and here I'm just going to draw this out over here, right.
55		So your idea for the sterile, right.
56		So this is where the ribs are.

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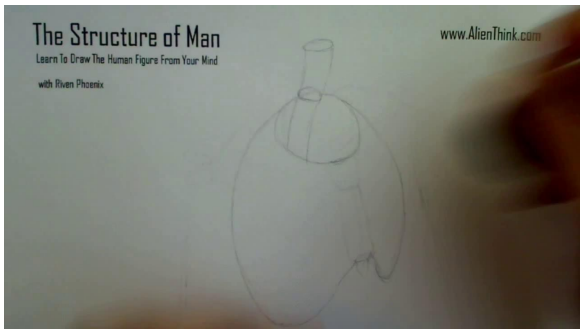
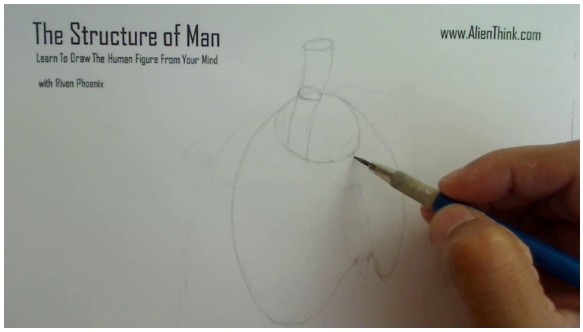
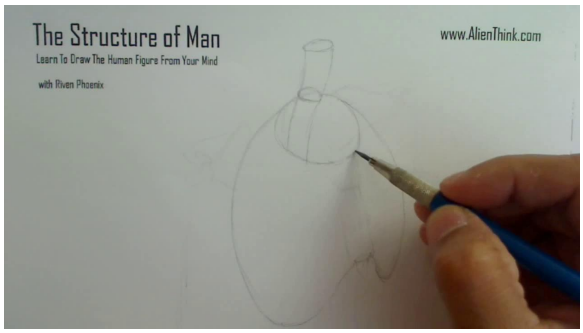
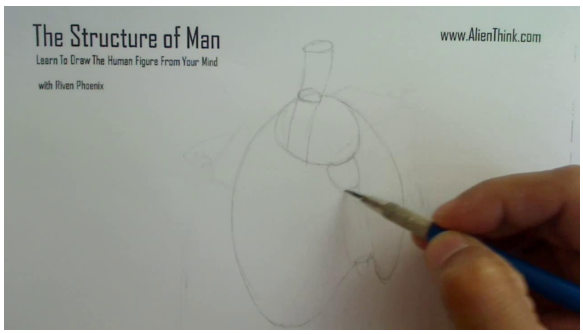
57		So basically what you need to keep in mind is that since these are the ribs they're coming
58		over here, right.
59		It's really going to be, let's say down here, you're going to get this idea for the sterile.
60		Okay, so we're going to get this whole thing over here again like the tie system.

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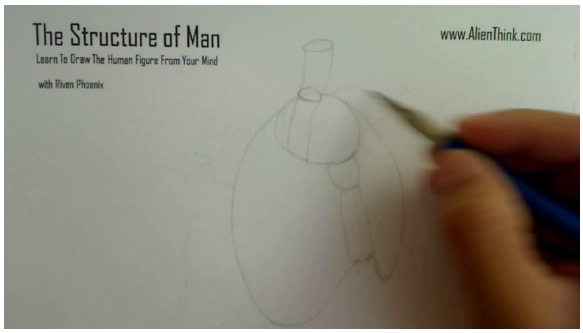
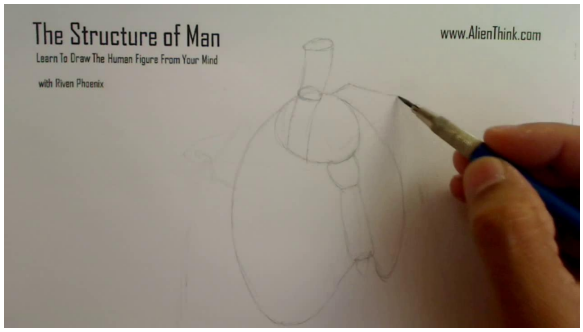
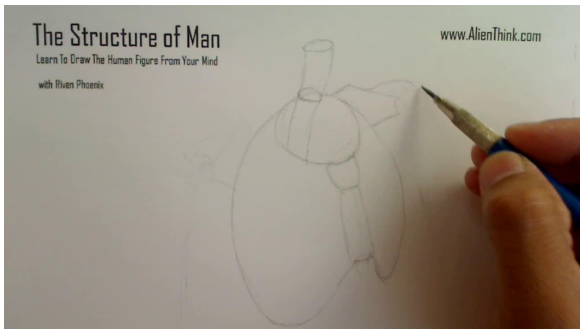
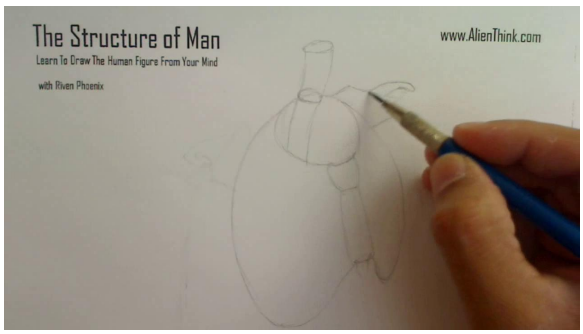
61		Now we already said that okay, it's going to be like this in extreme perspective over
62		here we're going to get the scapula going in this way and then we're going to get this
63		guy here and we know about this curve that it's going to kind of like be coming towards
64		us over here, right.

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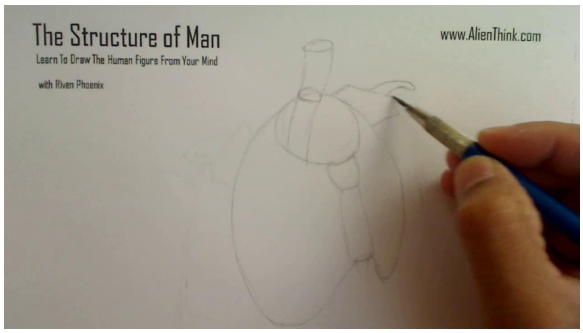
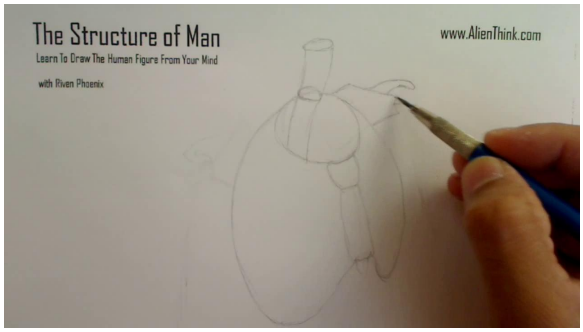
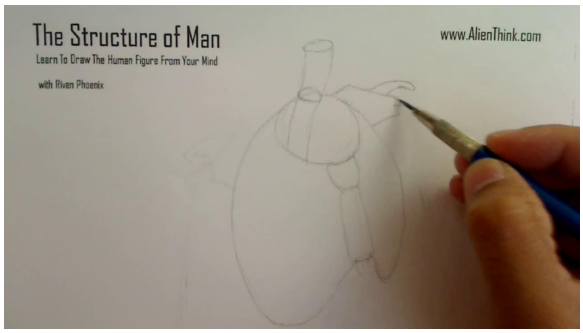
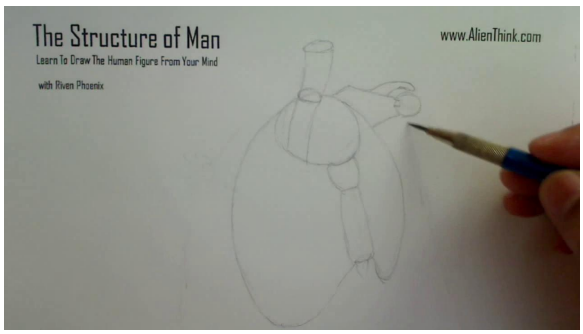
65		It's going to go on the other end and then you're going to get like this little thing over
66		here, right.
67		So basically you're going to get like this ball joint over here for your arm over here
68		and then which will look in a little bit.

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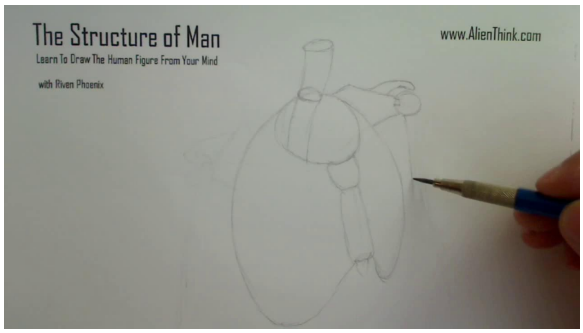
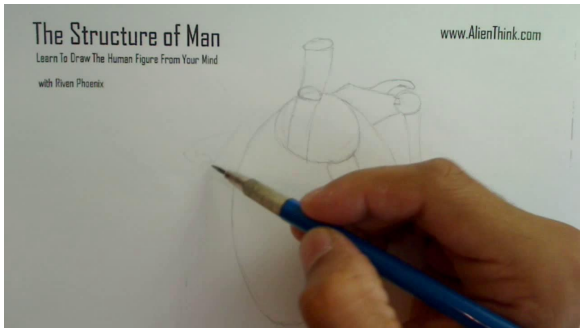
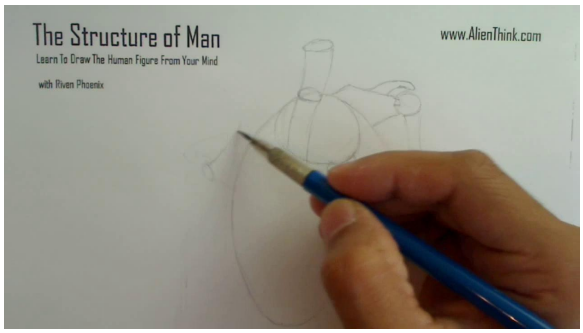
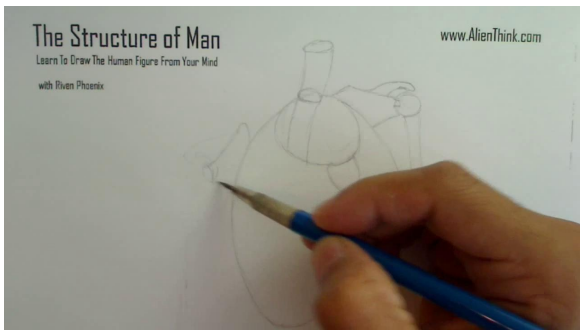
69		So just for now, make like this bone over here that's going in this direction.
70		Okay, so over here we're going to do this again in much more of our perspective idea and
71		this is going to just go in this direction and this here you're going to get that idea
72		here again.

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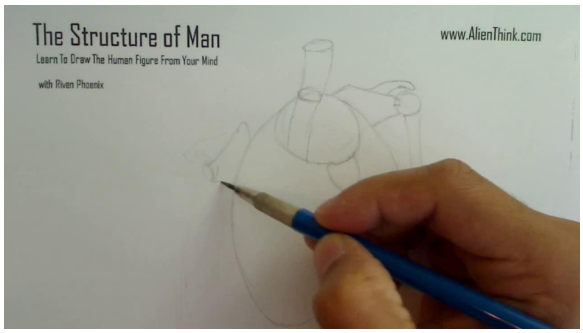
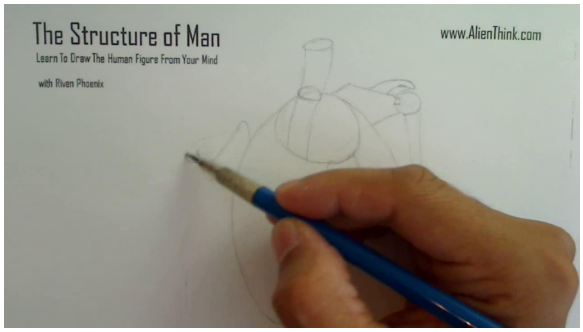
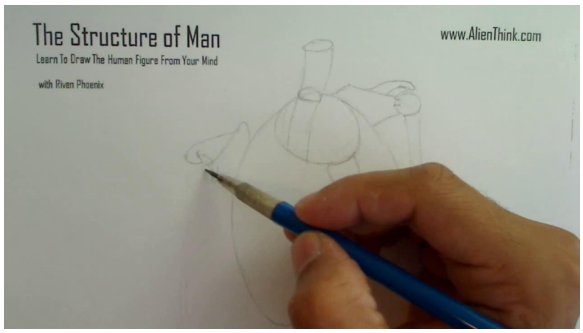
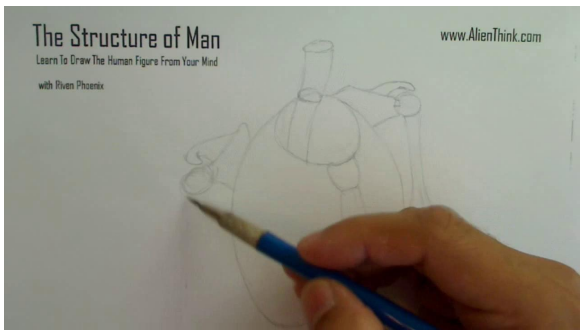
73		It's going to be in that extreme perspective, but now take a look at this over here that
74		this bone is coming back from the scapula over here, right.
75		So this means that you're really your bone for the arm is going to be right over here.
76		Right.

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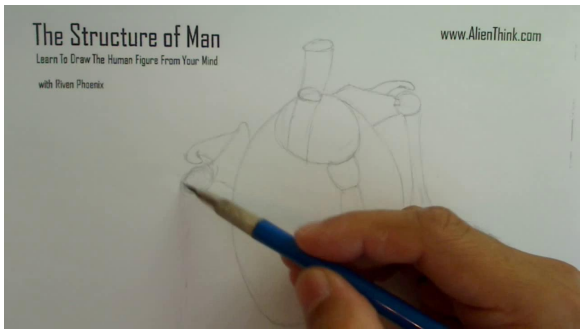
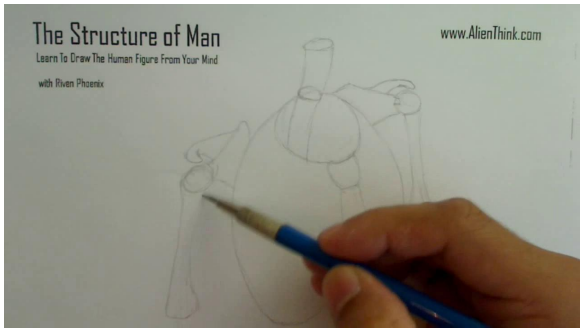
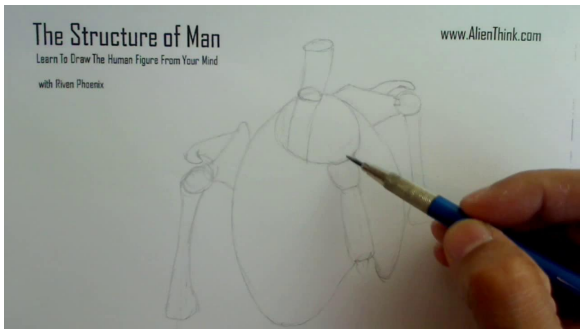
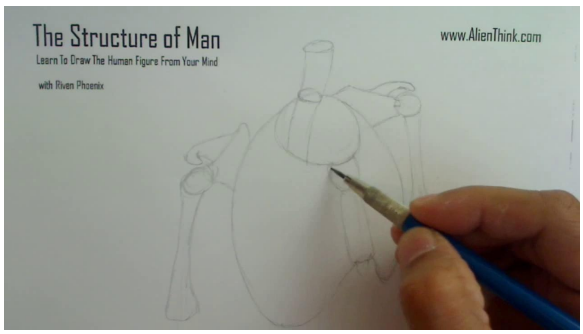
77		So for now we'll just draw it out in this way like this, it's going to be able over
78		here and it's going to go down, right.
79		So the clavicle is very simple.
80		It's basically going to connect, there's a space here, notice the space, then when we draw

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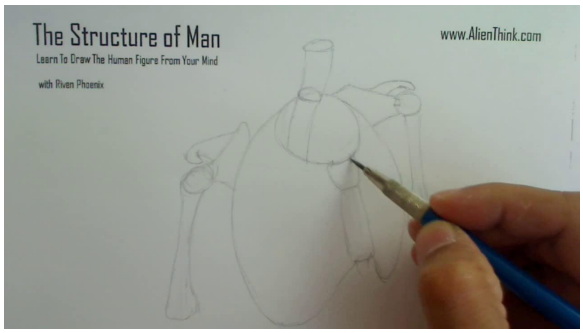
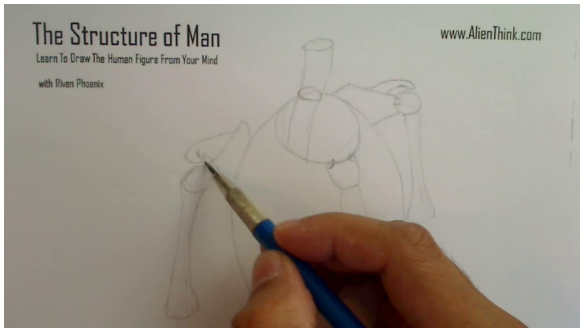
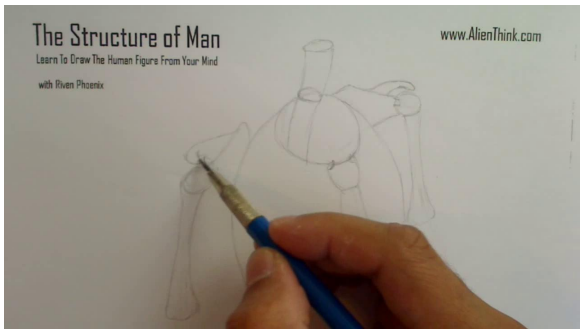
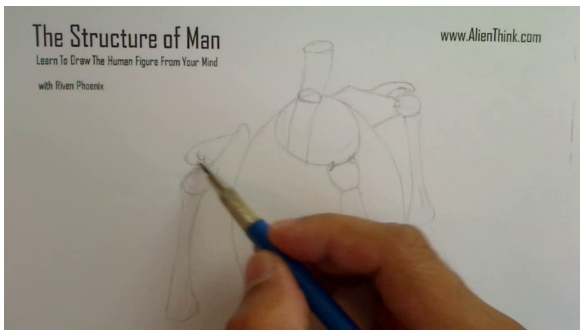
81		the clavicle we're just going to do this and we have to end up the clavicle basically
82		over here.
83		See where this is?
84		So just know that this is going to now play a very important role when the muscles come

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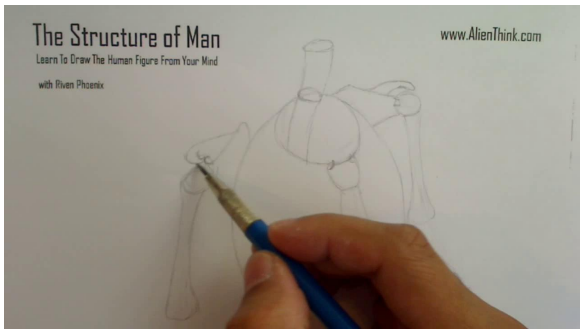
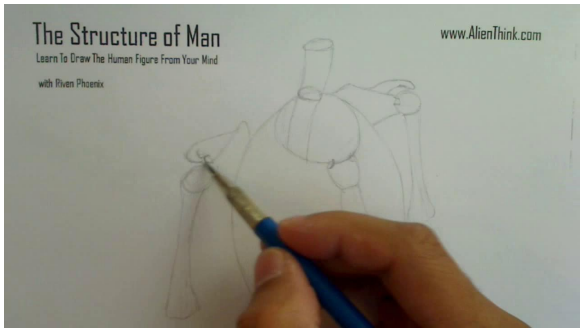
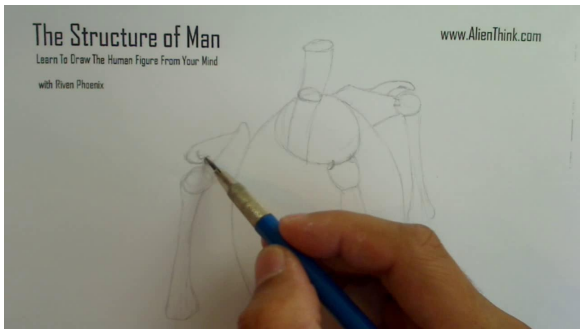
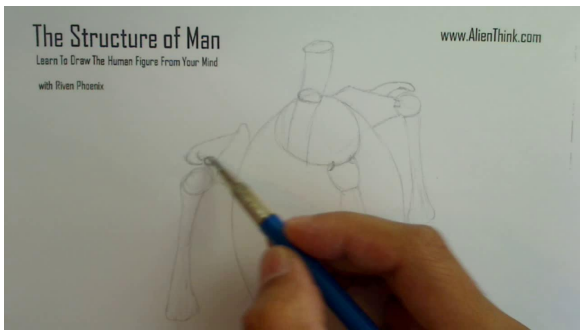
85		is because your shoulder muscles are going to have this, they're going to be going down,
86		but you're going to have that space here, right.
87		So this clavicle really is going to be a little bit on top here, right.
88		So we're going to look at this in a little bit here.

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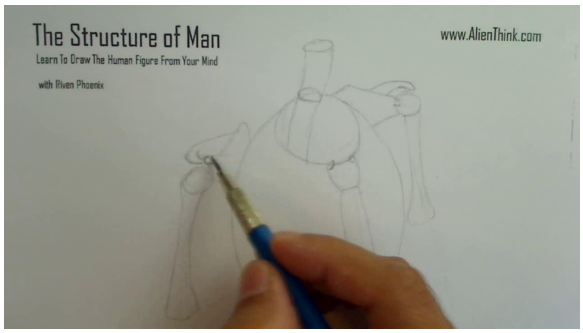
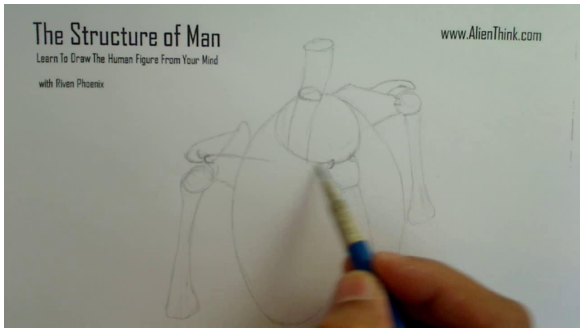
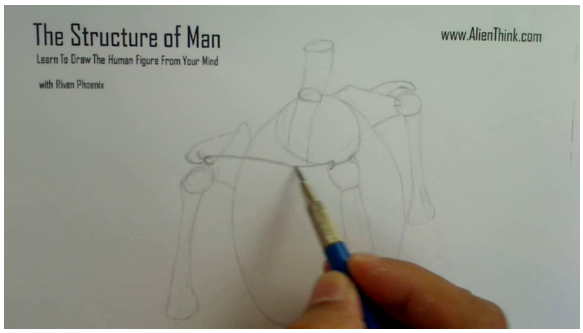
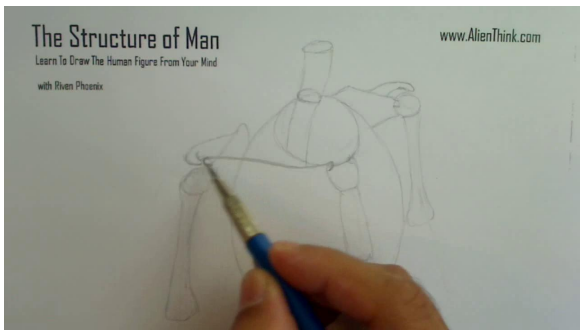
89		So this clavicle is going to swing around and it needs to attach here.
90		So it's basically like this curve that's going in this way, right.
91		It's like this.
92		It's not too much of it, but it's enough to cause this idea to come, right.

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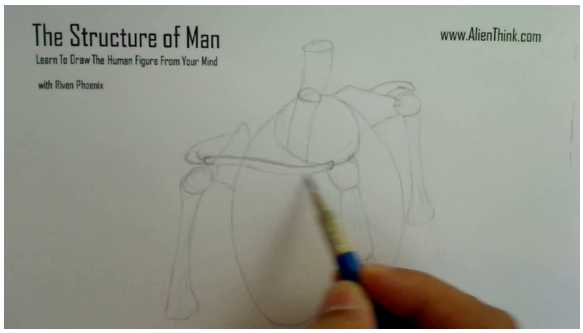
93		So this is, this should give you a clue as to what exactly is going on with the figure,
94		right.
95		So let me actually do this one again just to show you.
96		See this, this clavicle is going to be going in this direction over here.

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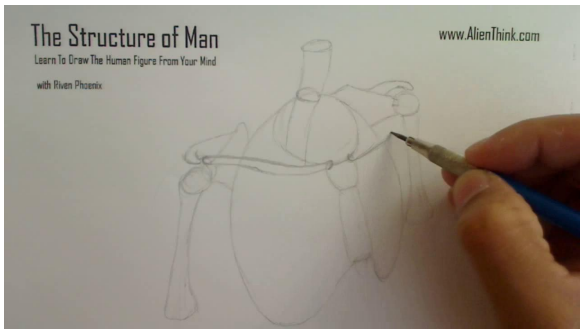
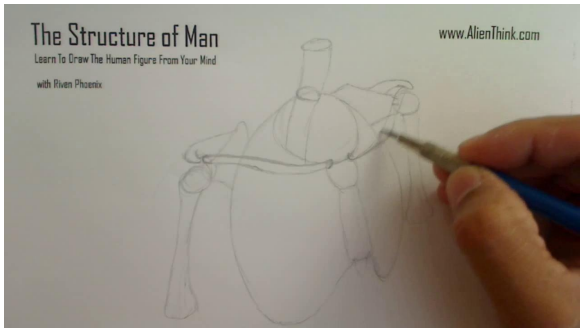
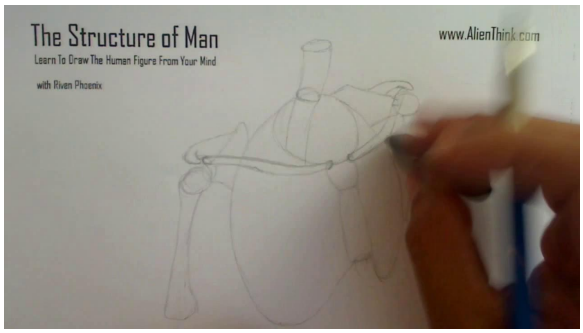
97		Let's say like this and then it's going to go all the way over here like this, right.
98		So it's turning, right.
99		And the reasoning for behind this is because the chest here is in front and the shoulders
100		are in the back of it, right.

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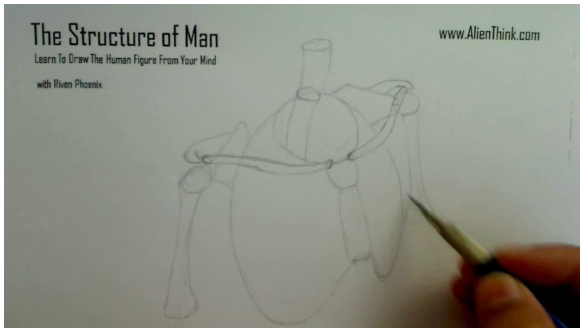
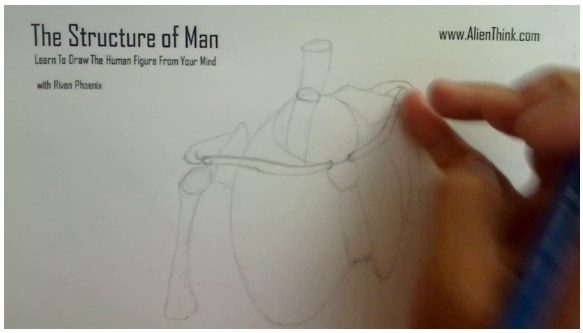
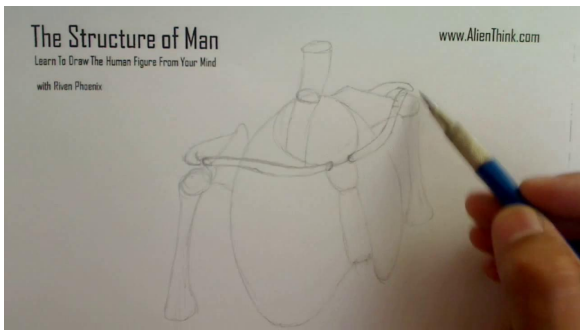
101		And this is what causes this, just this clue here should tell you why the pack muscles
102		are in the front and always understanding, okay, I got to remember that just that the
103		shoulders are going to be over here near the back of the figure, right.
104		And this is what's going to give you that look that we talked about.

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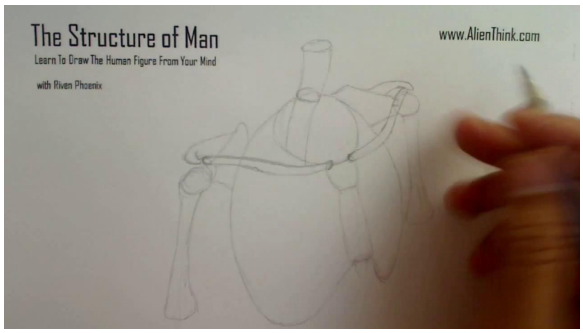
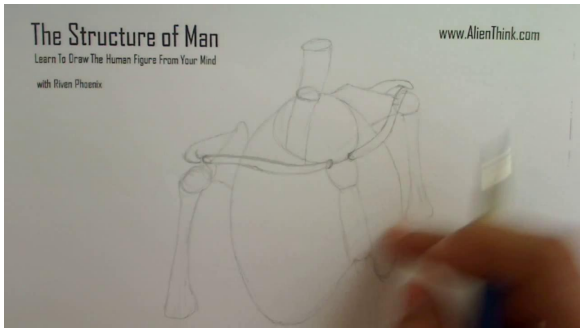
105		The shoulders are not going to be up against the chest, right.
106		The chest must be in front always, right.
107		And this is something you'll notice even on your body, if you notice where your shoulders
108		are and look at your chest, these are like these common sense things that we have to get

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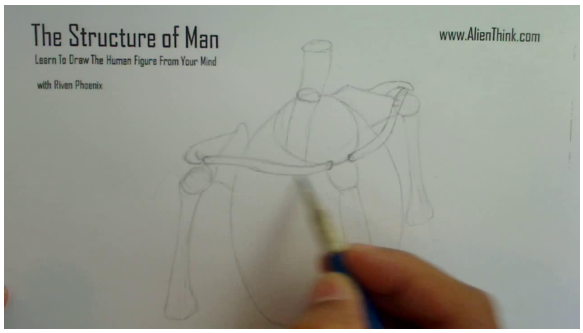
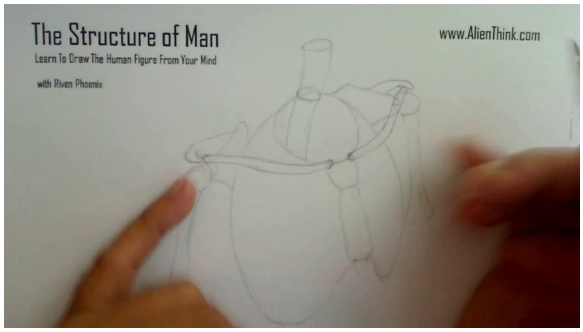
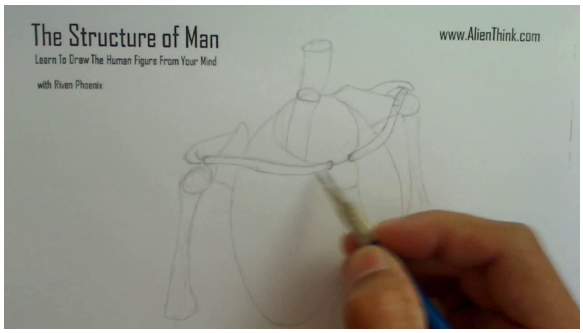
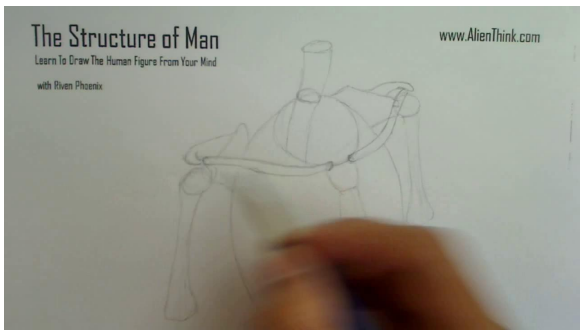
109		the mind to understand about these ratios, right.
110		Always remember this in front, this is back.
111		And this basically all that ever happens with the clavicle is just this way and this is
112		just a clue for you as to what's going on, right.

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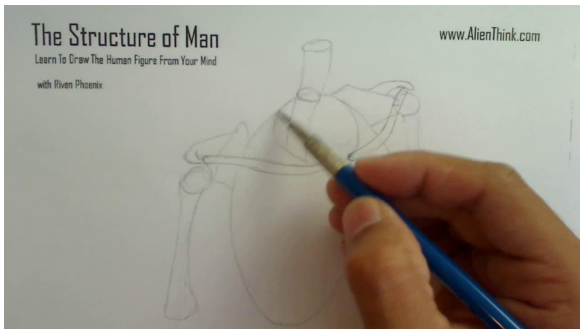
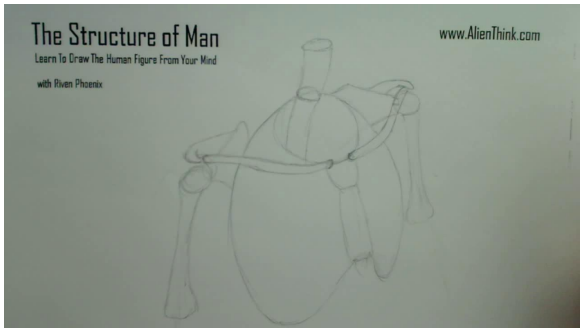
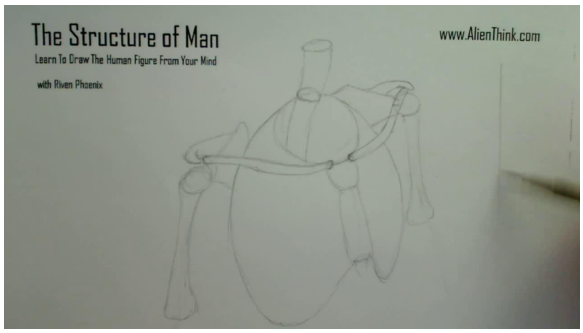
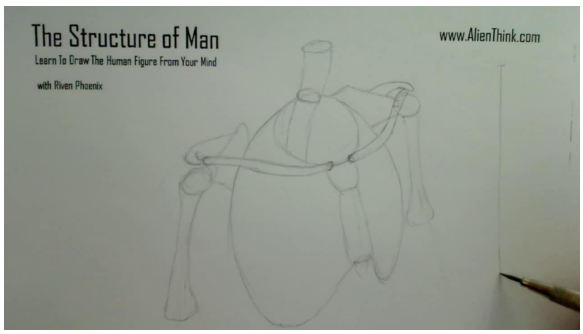
113		So this is like just looking at it in a 3D view here.
114		So let's say if what would happen, if we now wanted to look at this, let's say in
115		our invention, so let's say here I'm just going to draw out here, I can actually go down
116		a little more over here.

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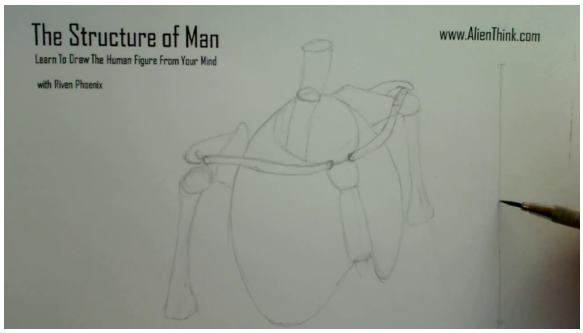
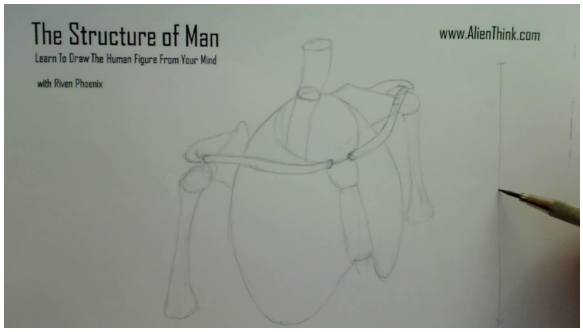
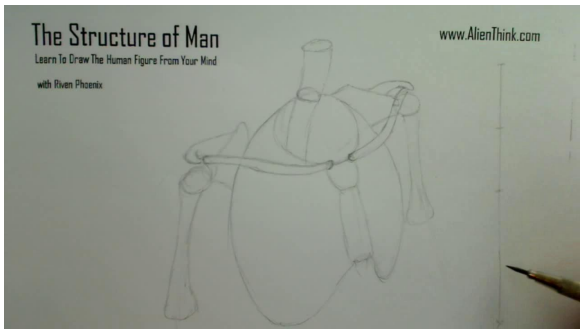
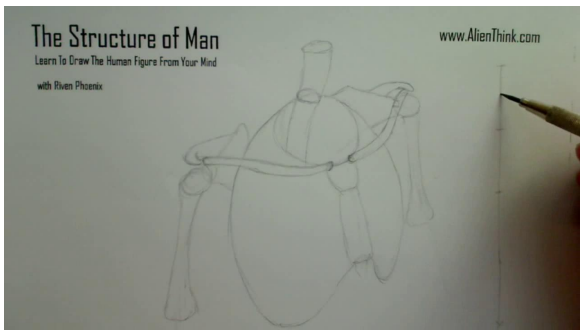
117		So let's say if this, we're just throwing the upper half of the body.
118		So this is the line for the bottom for the pack and this is for the bottom for the
119		chin and this is the navel, right.
120		So over here we already know if we just visually sketch this out without too many lines, right.

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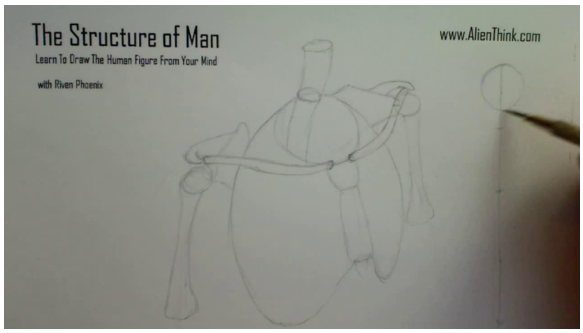
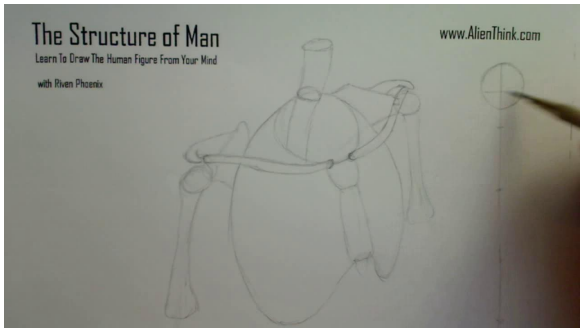
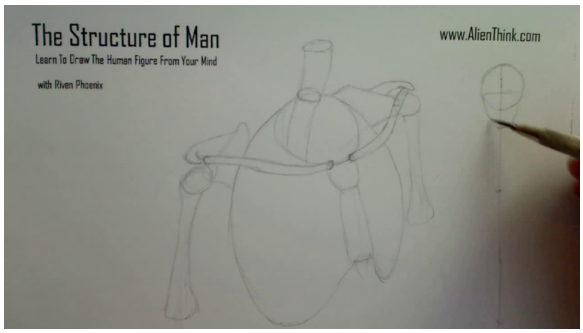
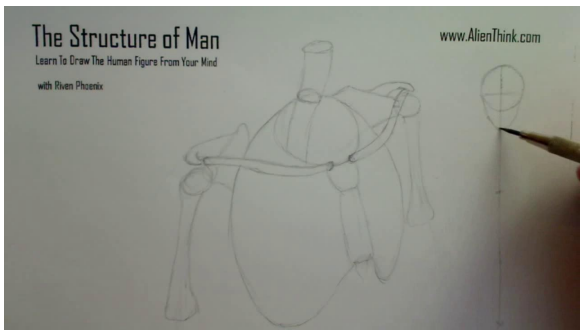
121		Just a different kind of a drawing process here.
122		So a little cleaner, right over here, we know that this is just going to turn in pretty
123		much like this.
124		We're going to get the basic design and then here we're going to get the area for the clavicle.

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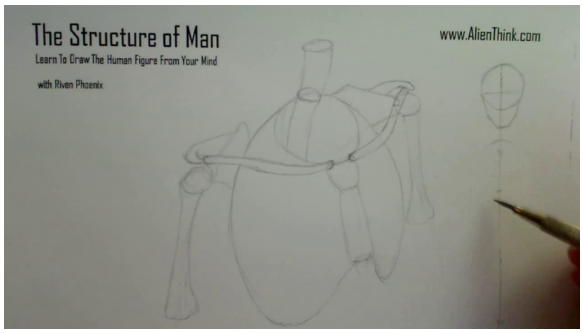
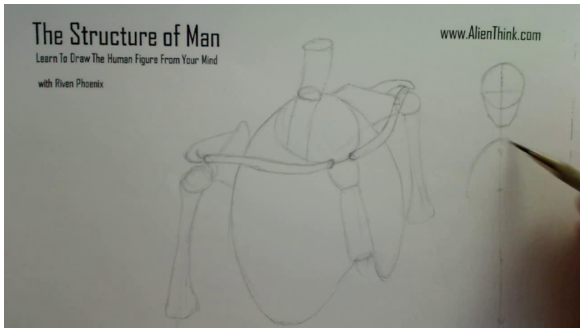
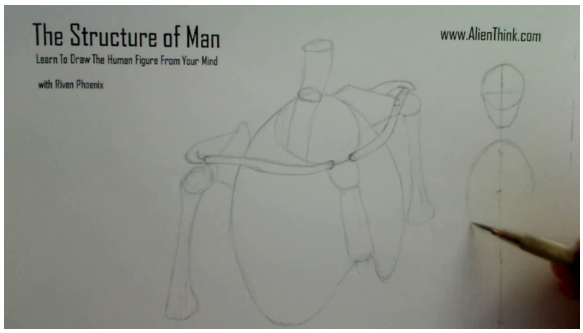
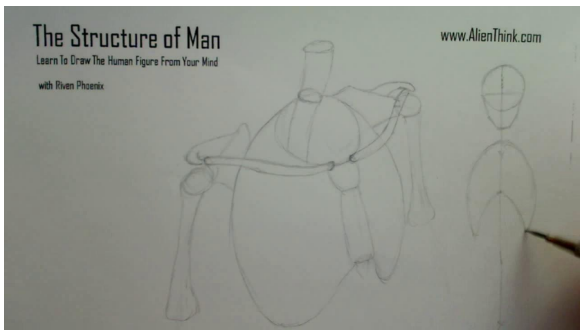
125		So here we're going to get that idea for the chest cavity, it's going to be basically
126		just like this over here and then over here we already decided where this is going to
127		be like this over here and then it's just going to come in and be done with it, right.
128		So this is like your basic concept of it.

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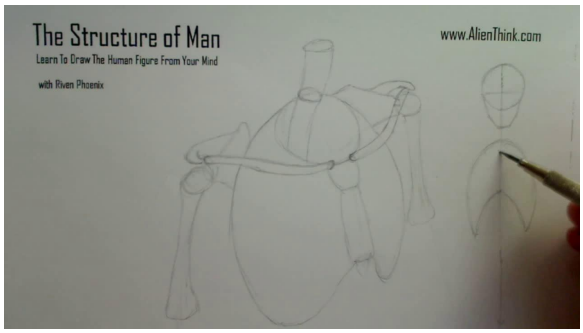
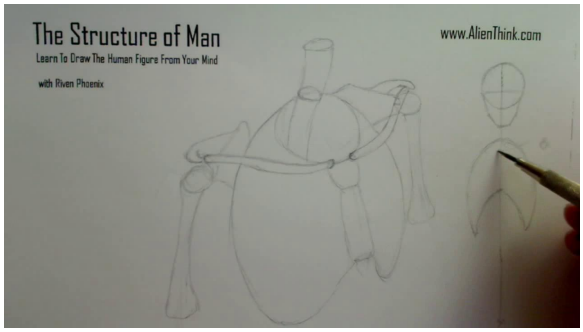
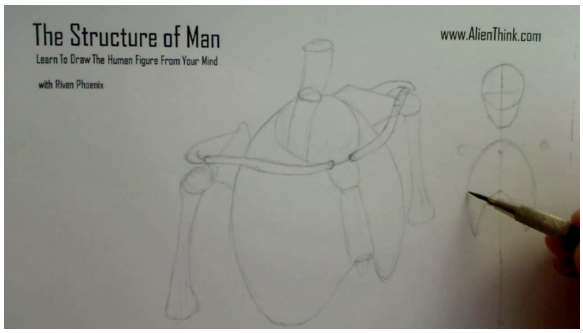
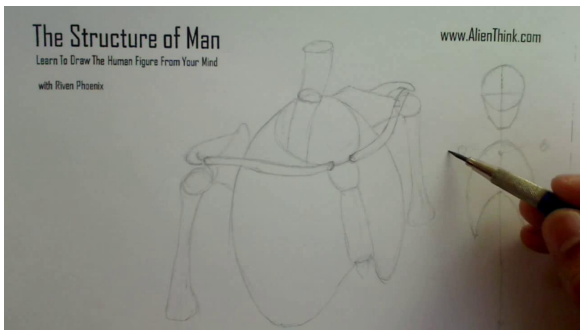
129		So now we already stated that okay, well I just want my shoulder to be around here
130		and I want the other shoulder to be around here, right, you're not going to go off because
131		you got to make sure that this thing is aligned not too far from the chance cavity, right.
132		If you do it here, the shoulders are going to be kind of wide, right.

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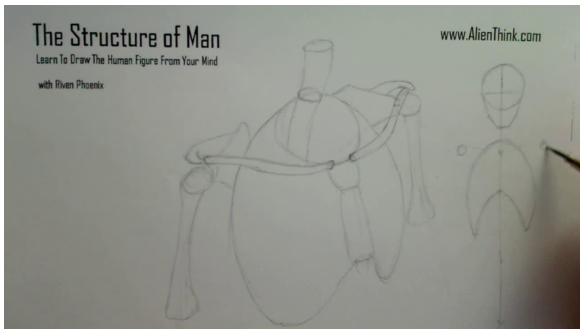
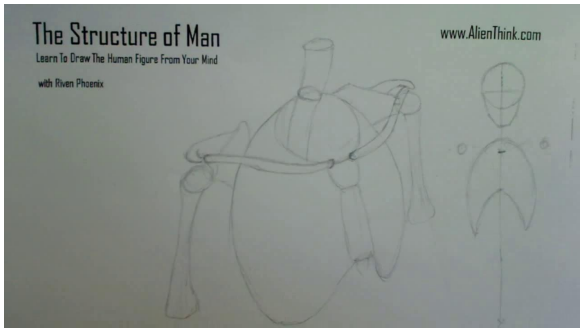
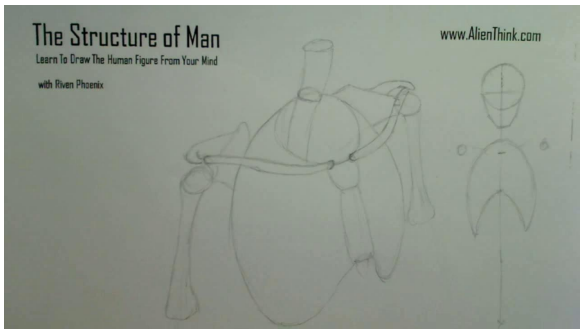
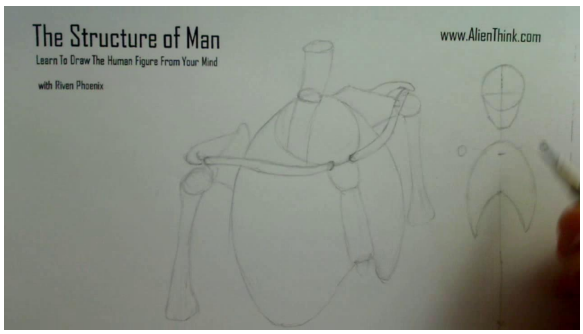
133		So once we have this, we already understand, okay, I know that there's a space here, right.
134		So here I'm going to clean up a little bit of this area so you can understand some of
135		the important things that are going to come up later on in drawing out the figure really
136		in the 3D form is I'm going to get the space here then I'm going to get this idea for

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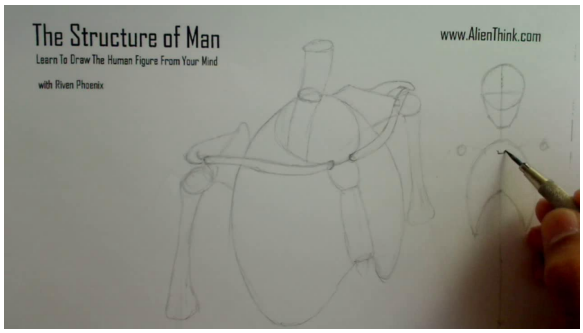
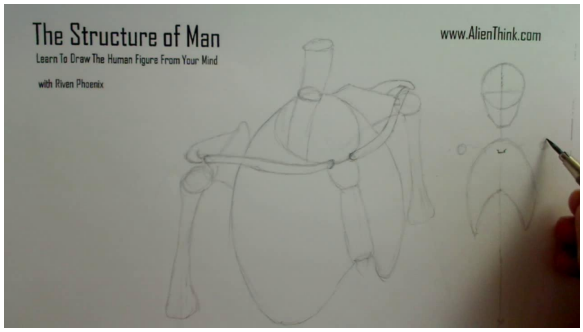
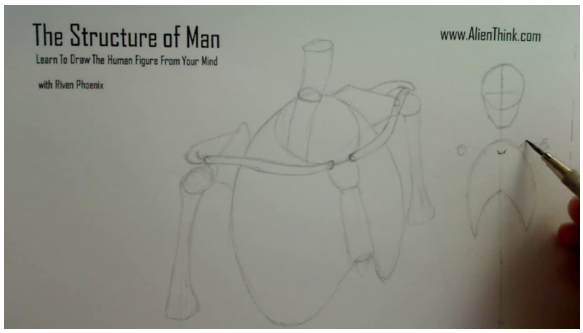
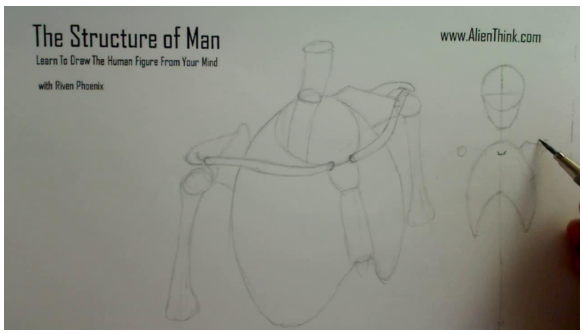
137		the clavicle, right.
138		So this is where we're going to get, if we had over here, if you draw out the scapula
139		over here, right, you already know that okay, it's going to be like this, I'm going to
140		get that thing here on top, right.

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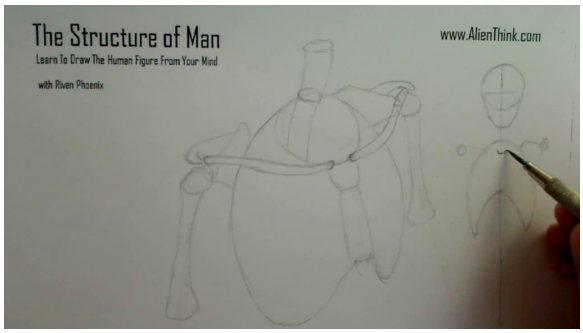
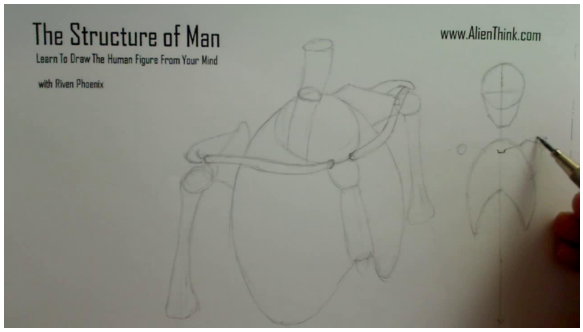
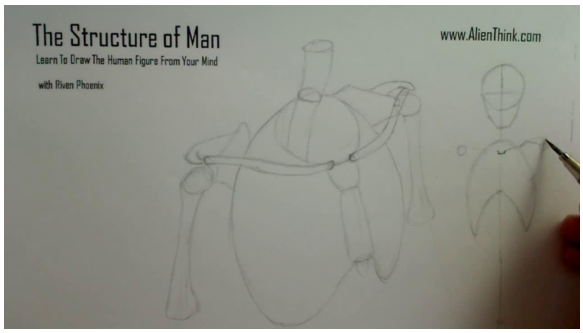
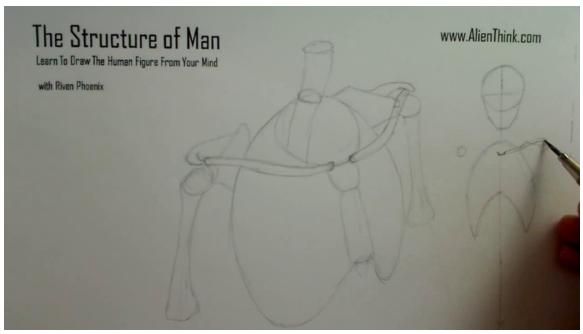
141		So the clavicle really is, you already understand that it's going in front, it's in front, then
142		it's going to go in the back, right.
143		So over here, it's just going to want to connect just like this, right, it's really nothing
144		more to this than this concept.

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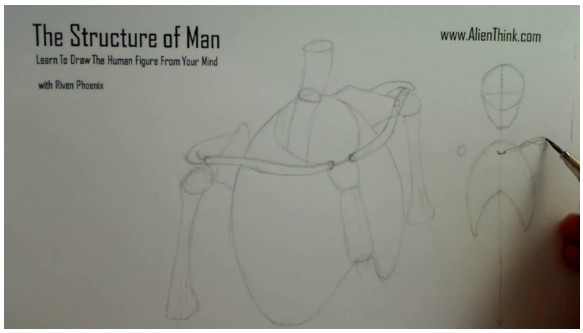
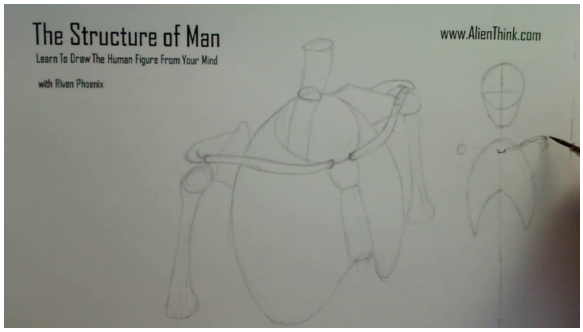
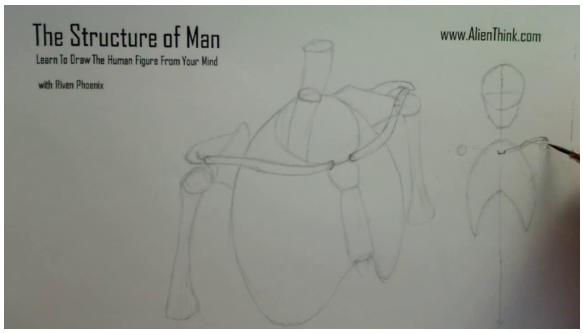
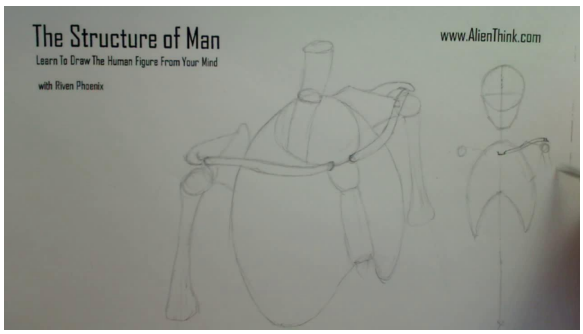
145		But notice that this bone here and the clavicle are meeting together, right.
146		So what happens is that you're going to get a ditch, a step over here, then you're going
147		to, this is your bone for the arm and then you're going to get your shoulder muscles over
148		here, right.

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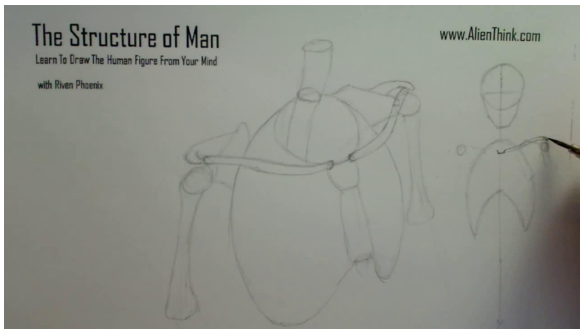
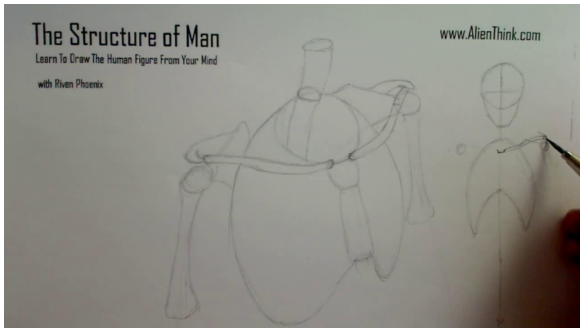
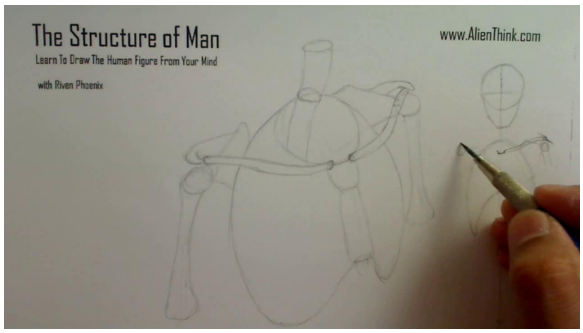
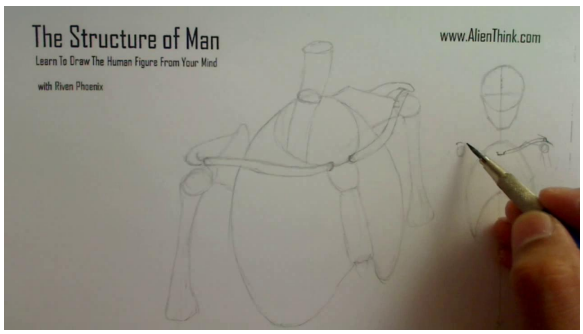
149		So what happens is that you got to be aware of the step that here, when I get the back muscles,
150		I'm going to get a small dip and then I'm going to get the muscles over here, okay.
151		So over here would be the same thing, just knowing that okay, I'm going to get the obviously
152		the bone from the scapula over here and then this is just going to be in front and then

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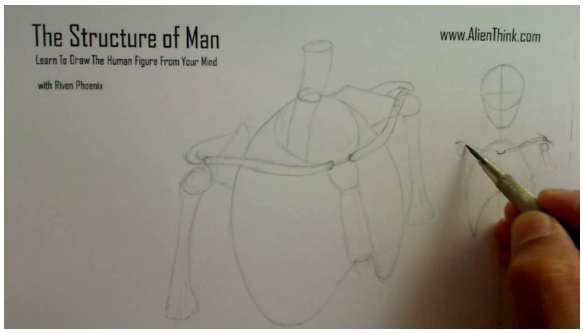
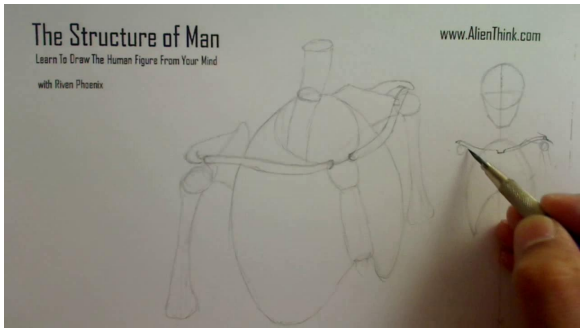
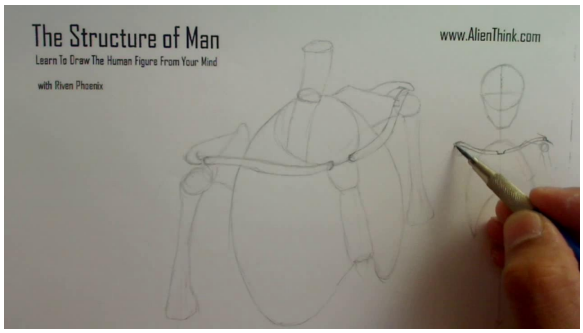
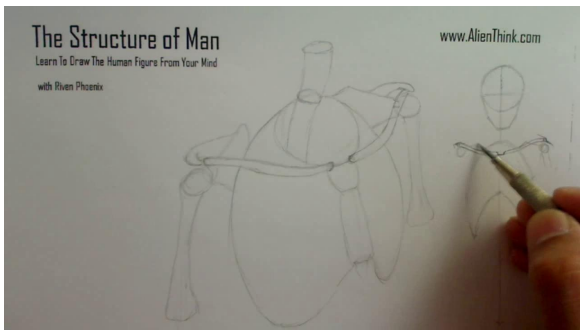
153		it's going to go pretty much in the back, right.
154		So it's going to be like this over here, again, it's the same concept, just repeating itself
155		over here, right.
156		So here we can just do the same thing with this guy over here, right.

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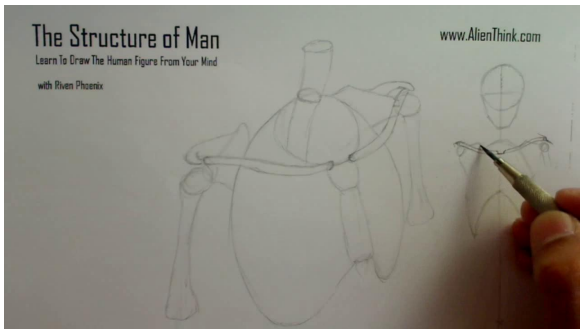
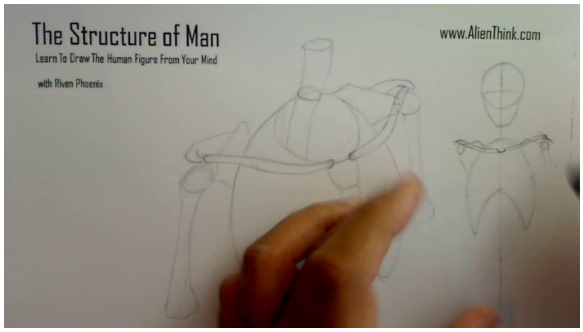
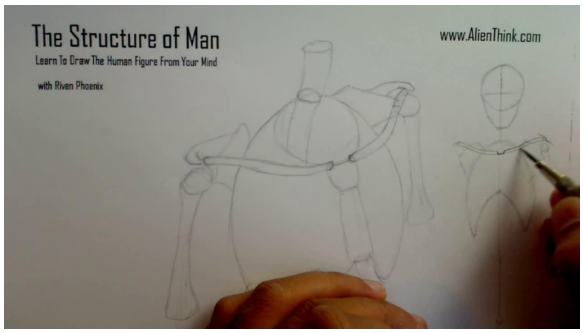
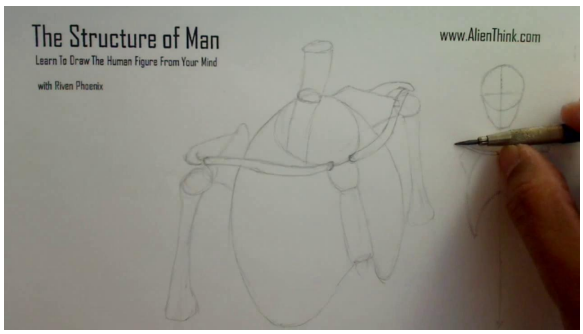
157		And the scapula would be much more in over there, right.
158		So here we can just clean up some of these ideas here so we can clarify this, right.
159		So here, once you get this thing, you can just look with your pencil, okay, are they really
160		the same distance over here, yeah, just about there's the same distance, I'm going to get

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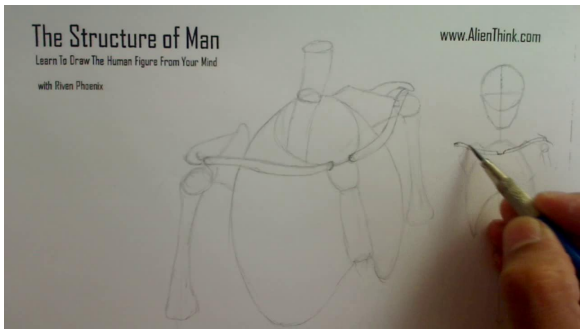
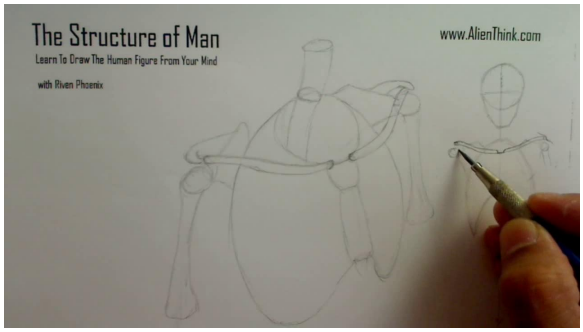
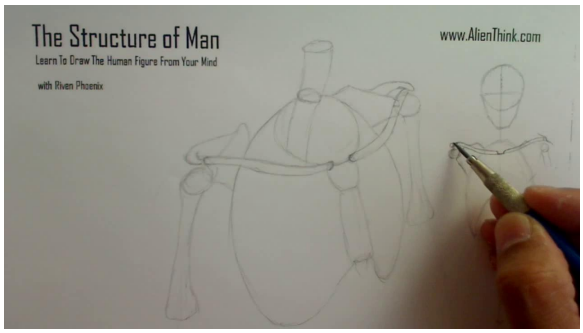
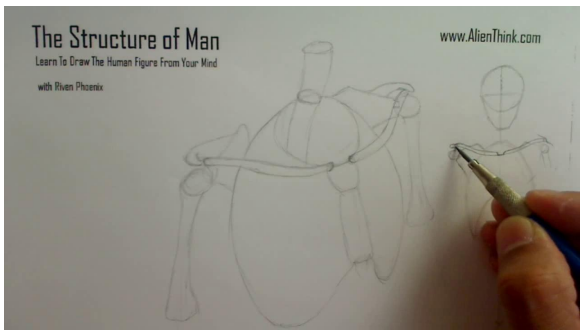
161		this over here and then this over here, right, so I'll get my bowl joined over here, then
162		I get my scapula over here, it'll go down in this way, right, and you'll get that idea
163		here for the back, right.
164		So it'd be aware of this, right, then you're going to get that step, right, and the muscles

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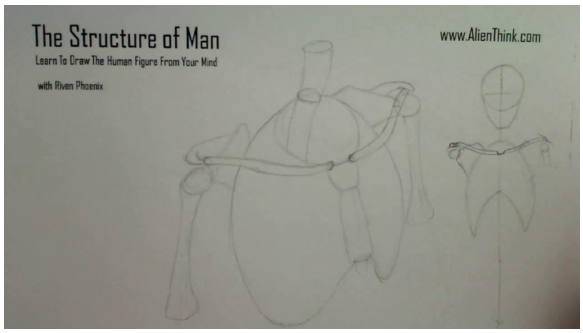
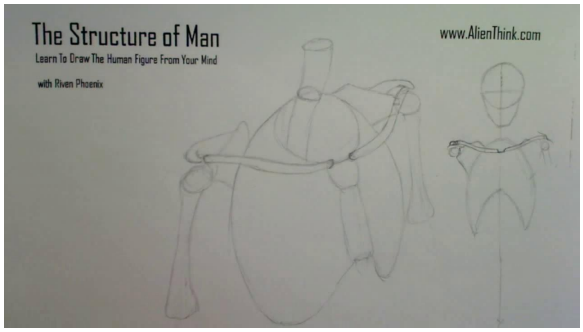
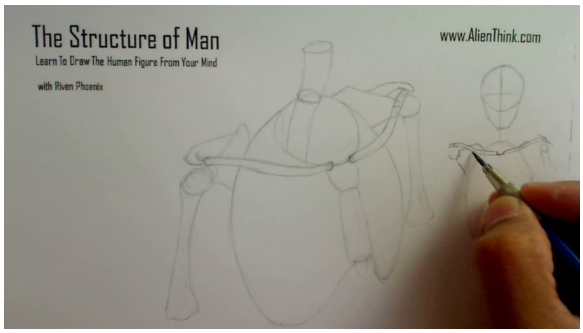
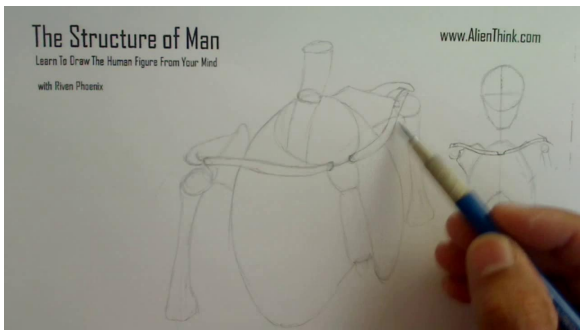
165		coming.
166		Okay, so if we clean that idea up, it'll just be like this, okay.
167		So that's really all there is to understand just, knowing why the shape is the way, it's
168		really that's the clue to this, right, understanding how this is connecting, look where this is

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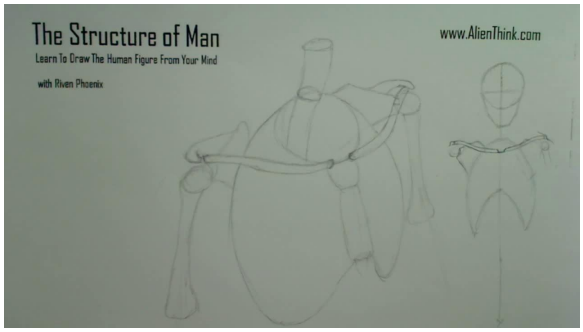
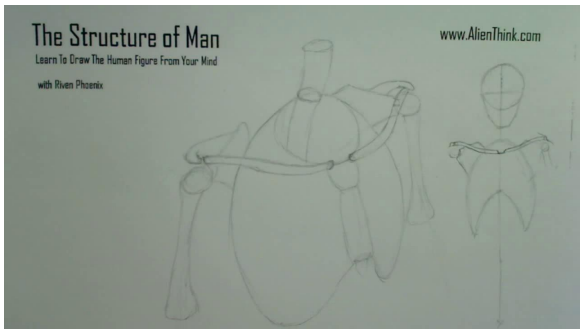
169		and look where this is, right, they're just meaning like this and they'll be connected
170		here with tissue.
171		Okay, so I'll see you in the next lesson, yes.

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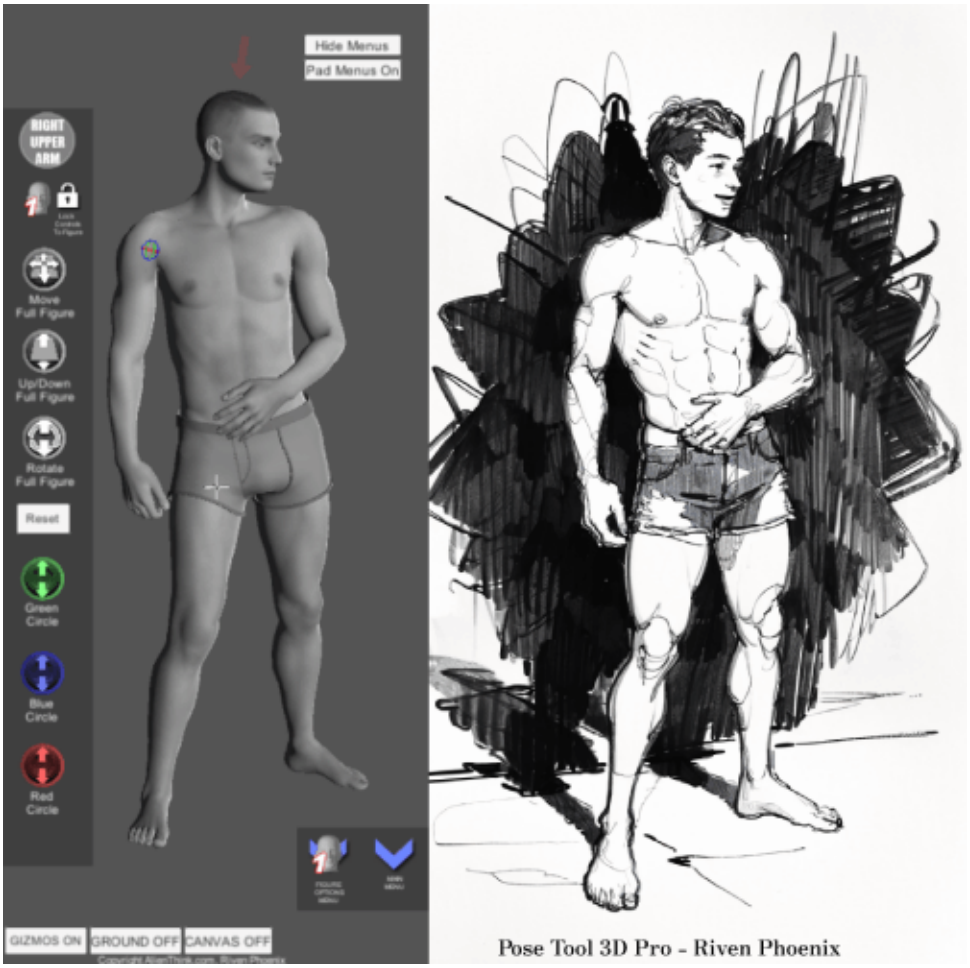

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